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Beauty and **ABUNDANCE**
FROM YOUR OWN GARDEN

CURTIS UNITED BY J. H. MURDOCK, DIRECTOR NATIONAL GARDEN BUREAU, U.S.A.

Seeds, Plants & Bulbs · Spring 1949
HART & VICK, Inc. 49-55 Stone St. Rochester, N. Y.



Highland Park Grass Seed ~ *Makes the Finest Lawns*

This careful blending of short growing, fine-leaved grasses has proven its quality many times during the past 25 years, not only on the smaller city lot but also in making the spacious lawns on large estates, in city and country parks, cemeteries and on the well-kept grounds that now surround so many modern industrial plants. Be particular about quality when buying grass seed. Insist on Highland Park. We can furnish it to you either with or without clover seed in it. $\frac{1}{2}$ lb. 65c; lb. \$1.25; 3 lbs. \$3.70; 5 lbs. \$6.15; 10 lbs. \$12.00; 25 lbs. \$29.50; 50 lbs. \$57.50, prepaid to you.

Streamliner — **Is the Very Best Everbearing Strawberry**

It has many splendid qualities, size, shape, color, sweetness and flavor. A wonderful berry for freezing, splendid for canning, makes most delicious shortcake. Begins bearing in July and continues to give you fruit until freezing weather comes. 25 plants for \$2.85; 50 for \$4.55; 100 for \$7.25; 250 for \$14.75. Prepaid to you.

Other varieties of Strawberries are pictured and described on page 50 of this book.



GROW YOUR OWN MUSHROOMS AT HOME WITH MAGIC MUSHROOM TRAYS



Just put the Mushroom Trays down in your basement or in your fruit and vegetable storage cellar and water them.

Each tray is a prepared bed of mushrooms which are ready to come up just as soon as you water them. They are 14 inches wide and 17 inches long and weigh 25 lbs. each.

Inexpensive, easy to set up, no odor at all. Begin bearing in three to four weeks and continue to produce delicious mushrooms for two to four months.

Many people who like to grow plants, either in the garden or in the house, have been asking us how they could grow mushrooms in their basements during the fall and winter months. Until the introduction of the Magic Mushroom Trays this was a most difficult operation.

The preparation of the mushroom bed was an expensive, messy, and generally unpleasant task. The odor from the fresh barnyard manure, necessary in making the beds, made living in the house just about impossible.

These Magic Mushroom Trays have changed all of this. They are prepared "mushroom beds" packed in easily handled shallow, wooden flats. These can be placed in any basement, fruit or storage cellar, where the temperature stays between 52 and 65 degrees, and a crop of mushrooms easily grown in them. If you don't have a fruit cellar they can be grown in a corner away from the furnace, and if necessary, protected from the furnace by placing cloth or paper in front of them so that the temperature will stay close to 55 or 60 degrees.

These prepared trays will supply your table with fresh mushrooms in 3 to 4 weeks from the time you start them growing and continue to produce for two to four months.

They make a most interesting profitable hobby. All of the materials used in these Magic Mushroom Trays have been pasteurized so that it is impossible for any other type of growth to appear on the trays except edible mushrooms.

Orders for trays are filled starting October 1st and continuing until May 1st. They do not produce well when shipped or grown in warm weather. We suggest that at least four trays be started at one time in order to have mushrooms in sufficient quantities for an average sized family. Customers have reported a bushel or more mushrooms from four trays.

Magic Mushroom Trays are produced by men with years of experience in the growing of mushrooms for the wholesale market. The mushroom beds in these trays are prepared in the same way as those which are used for commercial mushroom production. Complete instructions for growing mushrooms from these trays are sent with every shipment.

The most economical way to buy mushroom trays is in lots of 10 or more. If you cannot use that many yourself, get a friend or two to share a shipment with you. You will not only pay less for the trays but the transportation charges will be much lower.



In about three weeks the Trays produce their first crop and continue to yield for two to four months.

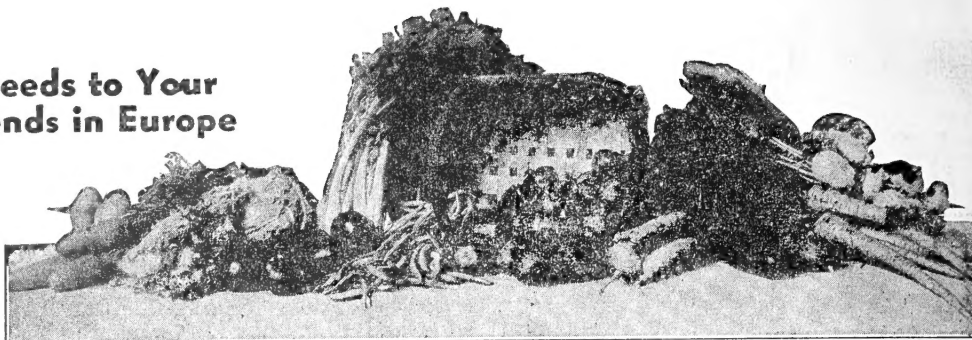
PRICES

Shipped to you by Express (not prepaid) from the grower in Ohio.

2 Trays for	\$ 2.75
4 Trays for	5.00
10 Trays for	10.00

Send Vegetable Seeds to Your Relatives and Friends in Europe

**They Will
Help Sow
Freedom
Gardens Abroad**



INCLUDED IN THE ASSORTMENT

Bush Beans	Leek
Pole Beans	Lettuce
Beets	Onion
Broccoli	Parsley
Early Cabbage	Peas
Late Cabbage	Radish
Carrots	Rutabaga
Cauliflower	Turnip
Cucumber	Brussels Sprouts
Endive	Squash
Kale	Tomato

Here is the Official Seed Assortment recommended by Secretary of Agriculture Anderson, which should provide several tons of vegetables, enough to last the family of ordinary size a full year.

If you wish to send one or more of these collections overseas to families and not name any particular person to whom it is to go, arrangements have been made with Church World Service, Inc., to deliver the seed to the most needy persons and we will send the collections in their care.

In collections going to Northern Europe, Tomato and Squash seed is omitted. In those going to Southern Europe, Brussels Sprouts is omitted.

Here is the Official Compliance agreement between your Department of Agriculture and Hart & Vick, and must be stamped on the outside of every carton containing this official European Seed Collection:

"The seedsman who packed this assortment certifies that it meets the specifications recommended to the American Seed Trade Association by the United States Department of Agriculture as to quantity, kind, variety or type, and germination."

ORDERS ACCEPTED TO THESE COUNTRIES

Albania	Italy
Austria	Luxembourg
Belgium	Netherlands
Bulgaria	Norway
Czecho-Slovakia	Poland
Denmark	Portugal
Finland	Roumania
France	Sweden
Germany	Switzerland
British Isles	Turkey
Greece	Yugoslavia
Hungary	

The A. S. T. A. European Garden Seed Assortment Packed for Export and Delivered to Any of These Countries for \$3.95

If you wish to send additional seed, either vegetable or flower with these collections, select the varieties from this catalog, list them on a separate paper and send in with your remittance.

If for any reason this package is undeliverable to the intended address, it will be forwarded to the nearest Red Cross office for distribution to some needy family. If you have no one in particular to whom you want the package sent, then the shipper will deliver it to Church World Service, Inc., for delivery to some needy European family.

As their contribution to this practical plan to relieve the world food situation, the American seed industry is making this seed assortment available at less than normal retail value. The package contains enough seed to produce as much as FIVE TONS of food for fresh use and winter storage at the cost of only \$3.95, including postage to any of the above countries. European people are, generally, more garden minded than we are here. Let's give them the wherewithal to help themselves.

Make Out the Order on This Sheet for the Vegetable Seed Collections You Want Sent to Europe

Please send _____ ASTA EUROPEAN GARDEN SEED ASSORTMENTS @ \$3.95 each, prepaid to:

NAME _____

STREET _____

TOWN _____ COUNTRY _____

(Please print plainly)

THIS SLIP, OR REPLICA, WILL BE ENCLOSED IN EACH ASSORTMENT

NAME OF DONOR _____

STREET ADDRESS _____

CITY and STATE _____



The Frederick Apartments, 1640 East Ave., Rochester, N. Y. This beautiful lawn, that attracts so much attention, was made with Highland Park Lawn Grass Seed. The leaves on the lawn detract from the picture. We're sorry this happened.

HIGHLAND PARK GRASS SEED MAKES THE FINEST LAWNS

A Combination of High Quality Recleaned Seeds of Recognized Turf-Making Grasses, Including Bent Grass Seed. Highland Park is Made With and Without Clover. Tell Us Which You Prefer When You Place Your Order.

This mixture has proved its worth by producing beautiful and permanent lawns for the city home, country estate, and public park. It is a careful blending of varieties of short, fine-leaved grasses and will make a thick, deep-rooted, velvety, evergreen sod that will hold the moisture and remain fresh and green during the dry season in summer. It has proved its quality not only on the smaller lawn of the city and suburban home, but has been and is being used with splendid results in many of the city parks, cemeteries, and large estates. Professional landscape gardeners specify that they will use Highland Park Grass Seed when submitting plans to particular patrons. Whether you build your lawn yourself or have it made for you, use the best seed you can buy. Use Highland Park Lawn Grass Seed Mixture.

PRICES OF HIGHLAND PARK GRASS SEED

½ lb. 65c; 1 lb. \$1.25; 3 lbs. \$3.70; 5 lbs. \$6.15; 10 lbs. \$12.00; 25 lbs. \$29.50; 50 lbs. \$57.50.
TRANSPORTATION PAID

HINTS THAT HELP MAKE GOOD LAWNS

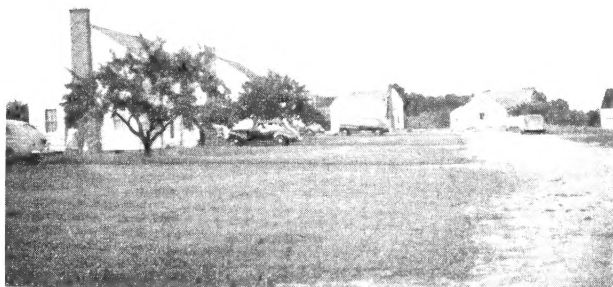
A little good grass seed sown spring and fall, 1 lb. to 500 sq. ft., will help keep the weeds out. Grass under trees needs double the food and water that sunny lawns do. Mow your lawn often with the mower set so that it leaves the grass one- and one-half inches long, especially during hot weather.

Peat moss spread on the lawn, one bale (16 bus.) to 600 sq. ft., keeps grass green all season. Don't "sprinkle" your lawn every night. Soak it twice a week. Get the moisture down where the roots will go down after it and make a thick turf.

If your lawn gets moss in it, rake thoroughly, spread bone meal over it, 10 lbs. to 100 sq. ft., and rake. Bone meal feeds, sweetens and aerates the soil.

Size of Space	Square Feet	Quantity of Seed
10 x 25 ft.	250	1 lb.
25 x 50 ft.	1,250	5 lbs.
50 x 125 ft.	6,250	25 lbs.
200 x 200 ft.	40,000	160 lbs.

When reseeding an old lawn use half of this quantity.



A long stretch of very good lawn on Weaver Road, Webster, N. Y., made with our Highland Park Lawn Grass Seed by Bruno Witt, landscape contractor.

Shady Nook Lawn Mixture

On many lawns there are unsightly bare spots under trees and between adjoining houses where it is impossible to get the ordinary lawn grass to grow. Our mixture for shade is made up of short-growing, fine-leaved, shade-loving grasses that will give you an evergreen sod in the most densely shaded spots. Sow at rate of one pound to each 200 square feet of new lawn—reseeding 350 square feet of old lawn. ½ lb. 70c; 1 lb. \$1.35; 3 lbs. \$4.00; 5 lbs. \$6.65; 10 lbs. \$13.00; 25 lbs. \$32.00; 50 lbs. \$62.50. Delivered transportation paid.

Stadium Mixture

Makes a Turf That Will Stand the Wear and Tear of an Unusual Amount of Traffic

Stadium Mixture was used in building the athletic field of the University of Rochester and the results have been very satisfactory. This mixture is made to give the thick, springy turf so necessary to the well being of the athletes. It was also used in the Red Wing Baseball Park in Rochester, where the seed was sown in April and played on by the middle of May. This mixture is a combination of grasses that are not only fine-leaved, but very deep rooting and are varieties that will stand the wear and tear usually given to athletic fields and parks. Sow one pound to 250 square feet; half this amount when reseeding. 1 lb. \$1.15; 3 lbs. \$3.35; 5 lbs. \$5.45; 10 lbs. \$10.85; 25 lbs. \$26.50; 50 lbs. \$52.50. Delivered transportation paid.

Terrace Grass Mixture

Banks and terraces need deep-rooting, very hardy grasses to hold them in place. In this special mixture we have combined varieties that will quickly form a thick, matted sod that will keep the bank from washing in heavy rains, and remain fresh and green all season. We recommend sowing grass seed for terraces at the rate of 1 pound to each 200 square feet. If the slope is very steep, mix one quart of oats with one pound of seed and sow on each 100 square feet. 1 lb. \$1.15; 3 lbs. \$3.35; 5 lbs. \$5.45; 10 lbs. \$10.85; 25 lbs. \$26.50; 50 lbs. \$52.50. Delivered transportation paid.

THIS MAY HELP YOU GROW GRASS UNDER TREES

Where there is some grass and you don't want to dig it up, take a long, sharp-bladed spade and make a series of connecting cuts in circles, three feet apart, and starting as close to the trunk of the tree as possible. These circles of connecting deep cuts kill the surface roots and allow the grass to thrive. Spread bone meal or Dehydrated Sheep Manure every 30 days—10 lbs. to 100 sq. ft. Rake thoroughly. Sow Shady Nook Grass Seed 1 lb. to 400 sq. ft. Cover with ¼ inch wet peat moss.

Radio City, Stromberg-Carlson Co.'s WHAM Radio Broadcasting Station. This lawn was made with Highland Park Grass Seed by Wm. Lauweret, landscape contractor, very late in the spring of 1948. Picture taken in September.

Country Club Bent Formula

Makes a Lawn Like a "Putting Green"

To meet the demand for a superior grass seed mixture, we have combined in this formula the seeds of grasses that not only produce the finest leaf blades, but varieties that creep, mat together and make a soft, luxuriant, evergreen turf the entire season. When preparing the soil for this Grass Seed Mixture, do so thoroughly. Spade deeply, working into the soil a good plant food and enough peat moss to make the soil friable and so it will retain moisture. Feed Bent Grass lawns twice a year with a fertilizer that will keep the soil slightly acid. Water regularly. Keep the grass cut short and rolled. Top dress twice a year. Sow 1 lb. to 250 sq. ft. A Bent lawn is very lovely, but it must have careful attention to keep it so. 1 lb. \$1.40; 3 lbs. \$4.00; 5 lbs. \$6.55; 10 lbs. \$12.95; 25 lbs. \$31.75. Delivered transportation paid.

Special Golf Course Mixtures

TEE MIXTURE

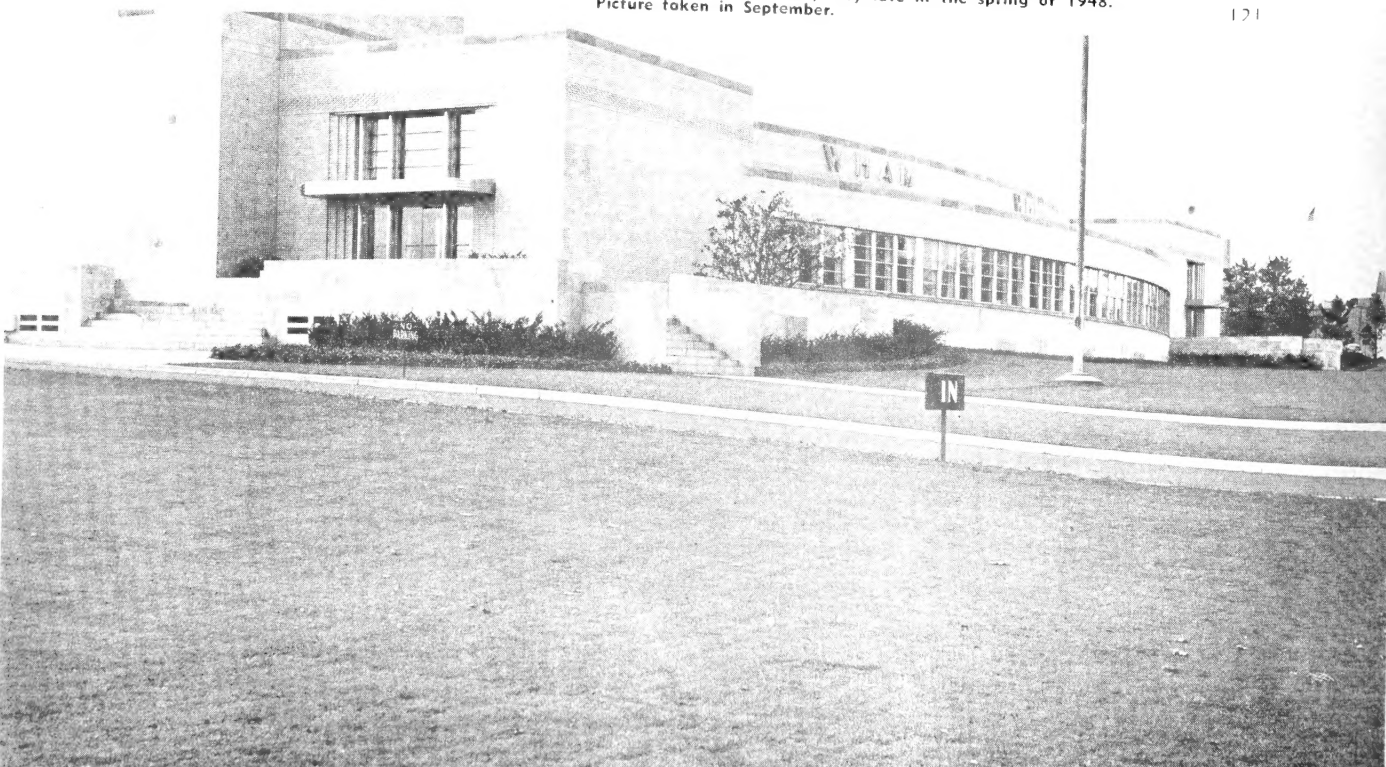
A combination of deep-rooting, perennial grasses that will stand the wear and tear a golf course tee must take. Sow 1 lb. to 200 sq. ft. 5 lbs. \$6.15; 10 lbs. \$12.00; 25 lbs. \$29.50.

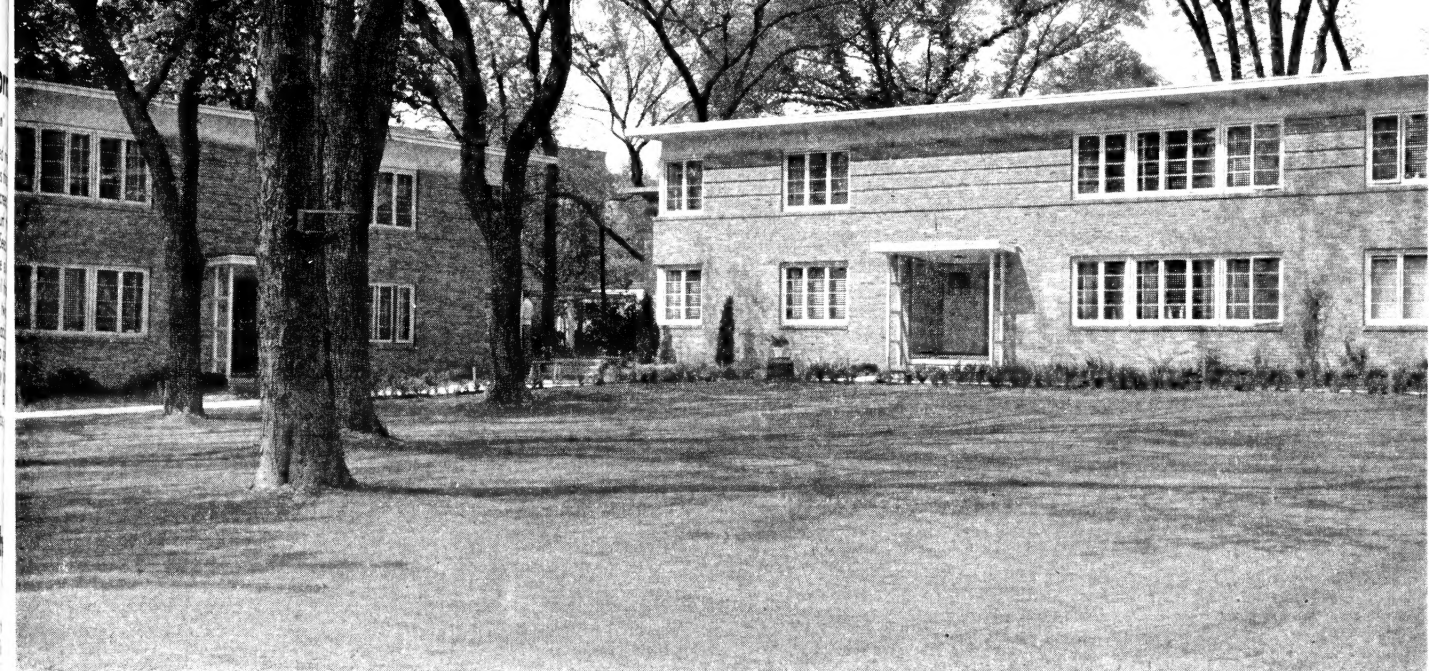
FAIRWAY MIXTURE

A mixture designed to stand hot, dry weather without turning brown. This is a mixture of grasses we have been making for twenty-five years. It has proven to be very satisfactory. Sow 1 lb. to 250 sq. ft. 5 lbs. \$4.45; 10 lbs. \$8.70; 25 lbs. \$21.25.

PUTTING GREEN MIXTURE

A combination of Colonial Bent and Fancy Red Top grass seed, both of the highest purity and germination. Sow 1 lb. to 200 sq. ft. 1 lb. \$1.35; 5 lbs. \$6.50; 10 lbs. \$12.95; 25 lbs. \$31.75.





One of the Beautiful Lawns of the Hale Manor Apartments on Lake Ave., Rochester, N. Y., made with Highland Park Lawn Seed by John Taddeo and Son, Landscape Contractors.

RECLEANED SEED OF FANCY GRASSES

All Grass Seed Prices Subject to Change Without Notice

BENT, COLONIAL (*Agrostis tenuis*).

Fine, narrow-bladed, rich dark green variety that is slightly creeping in habit and makes a fine turf for lawns and putting greens. Does especially well in the vicinity of Rochester. $\frac{1}{2}$ lb. 80c; lb. \$1.50; 5 to 10 lbs. at \$1.45 per lb. Transportation paid.

BENT, SEASIDE. Blue Tag (*Agrostis maritima*).

A native of Oregon and offered under several trade names. Very fine-leaved, producing runners or stolons that take root when coming in contact with the soil. Makes a thick, matlike, rich green sod that stands close cutting. As it makes surface runners it should be top-dressed four times a year. To look well keep it closely mowed. $\frac{1}{2}$ lb. 80c; lb. \$1.50; 5 to 10 lbs. at \$1.45 per lb. Transportation paid.

BLUE GRASS, KENTUCKY (*Poa pratensis*).

Very high quality, heavy, plump seed. The favorite lawn grass in the North, doing particularly well on the rather sweet soils of New York State. Leaves are narrow, flat and vivid dark green. Plants slightly creeping and very hardy. As it is slow to germinate, we recommend combining it with other grasses. One pound will sow 200 sq. ft. $\frac{1}{2}$ lb. 50c; lb. 90c; 5 to 10 lbs. at 85c per lb.; 10 lbs. or more at 82c per lb. Transportation paid.

FESCUE, CHEWING'S (*Festuca rubra fallax*).

Produces a fine, firm matted turf with wirelike leaves. Plant spreads by the development of new shoots. Adapted for use under trees and sandy loam soils. Drought resistant. Makes a fair turf when combined with other grasses. Lb. \$1.15; 5 to 10 lbs. \$1.00 per lb.; 10 lbs. or more, 95c per lb., prepaid.

FESCUE, CREEPING RED, Illahee Strain (*Festuca rubra*).

A new strain that spreads from roots that creep underground, putting up new growth. The texture of the foliage is fine and the color a delightful green. A perennial grass that easily thickens up into a dense carpet of green turf. Does well on poor soil and is resistant to drought and disease. A good grass for areas subject to heavy wear. Should always be sown in combination with other grasses.

Lb. \$1.20; 5 to 10 lbs. at \$1.05; 10 lbs. or more at \$1.00, prepaid

FESCUE, CREEPING RED, Old's Strain (*Festuca rubra*).

Makes a turf similar to Chewing's Fescue but spreads by underground runners that make an extremely tight sod. The leaves are fine, needle-like and have a deep green color. This Fescue thrives on all types of soil, even on dry, sandy bottom land. It maintains its color the year round and is excellent for shady places and turf that gets a lot of wear. Creeping Red Fescue may be used alone in combination with one or more other grasses.

Lb. \$1.15; 5 to 10 lbs. at \$1.00 per lb.; 10 lbs. or more at 95c per lb., prepaid

ORCHARD GRASS (*Dactylis glomerata*).

Hardy perennial grass which thrives in light, sandy soils and withstands severe droughts remarkably well. Valuable for sowing on steep slopes that wash badly. Lb. 60c; 5 to 10 lbs. at 50c per lb.; 10 lbs. or more at 60c per lb. Transportation paid.

RED TOP, FANCY (*Agrostis palustris*).

Quick growing, fine-leaved, bright green creeping grass popular for lawns and golf courses. Does well in any situation and any soil. $\frac{1}{2}$ lb. 65c; lb. \$1.20; 5 to 10 lbs. at \$1.05 per lb.; 10 lbs. or more at \$1.00 per lb. Transportation paid.

ROUGH STALKED MEADOW GRASS (*Poa trivialis*).

Sometimes called Rough Blue Grass. Narrow, flat and dark green foliage on spreading, thickly matting plants. Makes a good turf in shaded places on the north side of buildings and under trees. Does best in heavy soil. $\frac{1}{2}$ lb. 90c; lb. \$1.75; 5 to 10 lbs. at \$1.65 per lb.

RYE GRASS, DOMESTIC.

An excellent nurse grass when quick turf is needed. Valuable for hay and pasture. One pound sows 200 sq. ft. Lb. 35c; 5 to 10 lbs. at 30c per lb. 10 lbs. or more at 25c per lb. Transportation paid.

RYE GRASS, PERENNIAL (*Lolium perenne*).

A mixture of the English and Italian varieties grown in this country. Lb. 35c; 5 to 10 lbs. at 30c per lb.; 10 lbs. or more at 27c per lb. Transportation paid.

CLOVER, DUTCH WHITE

The well known, low-growing, white-blossoming Clover so widely used on lawns. Not entirely hardy in exposed situations in severe climates. Winter-kills some in lawns here in New York State. Oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.45; 5 lbs. or more at \$1.30 per lb. Transportation paid.

CLOVER, WILD WHITE

Becoming very popular as a lawn Clover, especially here in the North, for it is perfectly hardy. The foliage is small, low growing and rich, fresh green in color. Blossoms very sparingly, which adds to the value. Does best in well-fed soil. Oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 85c; lb. \$1.55; 5 to 10 lbs. at \$1.50 per lb. Transportation paid.

TIMOTHY (*Phleum pratense*).

Used extensively for hay. Not by any means a lawn grass seed. Weighs 45 lbs. per bu. Lb. 45c; 5 to 10 lbs. at 40c per lb.; 10 lbs. or more at 35c per lb. Allow 6c per lb. if we are to pay transportation.

For Your Vegetable Garden

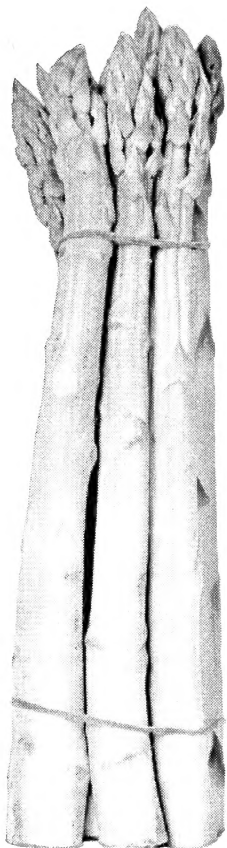
Sow Domestic Rye Grass, one pound to each 200 sq. ft., just as soon as you harvest the last crop from each row. Where you turn this crop of broad-bladed grass under in the spring it makes a wonderful green manure.

Hart & Vick's Vegetable Seeds

**THIS IS
IMPORTANT
PLEASE READ**

(Are Tested for Germination by a Famous Agricultural Experiment Station and the Results of This Test Appear on Every Package of Vegetable Seeds We Send Out. You Get the Same High Quality Seed in These Garden-Size Packages as We Furnish to the Commercial Vegetable Grower and Florist, Whose Living Depends on the Quality of Seed He Sows.)

★ A Star Before the Name of the Variety Means It is Best for Quick Freezing.



Mary Washington
Asparagus

ASPARAGUS

One ounce of seed will produce 800 plants; 5 lbs. will sow an acre.

The popularity of Asparagus in the home garden is growing rapidly, as people learn how easily it may be raised, and how much better the flavor is when cooked immediately after cutting. Asparagus begins to lose flavor 20 minutes after being taken from the ground. A small bed 12 feet wide and 25 feet long will hold 100 plants and yield sufficient Asparagus for the family of ordinary size.

Mary Washington Asparagus. A rust-proof kind that is very fast growing, exceedingly tender, of excellent flavor, and that produces quantities of dark green, straight, heavy stalks of an attractive green color with purple tops.

FRESH DUG ROOTS

We offer you well grown roots carefully graded for size and quality. These will give you the best results. A light cutting may be made the second year. Succeeding seasons they may be cut all spring.

Large Roots: 12 for 95c; 25 for \$1.65; 50 for \$2.75; 100 for \$4.65, postpaid to you. 250 for \$7.50; 1000 for \$28.00, not prepaid.

ASPARAGUS FROM SEED

Seed of Mary Washington sown this spring will give you some Asparagus in 3 years. A package of seed will give you about 150 plants, an ounce about 800. Directions for sowing the seed are on every package.

Pkg. 15c; oz. 30c; ¼ lb. 95c

We send a leaflet on "The Planting and Care of Asparagus"—sent with every order.

THE BEST IN TABLE BEETS

One package of seed planted 2 inches apart, will make a row about 25 feet long; one ounce will make a row 100 feet long. If you like greens, especially "Beet Greens," sow the seed thickly in a broad row 4 to 6 inches wide, and when the tops are 3 to 5 inches tall, thin out and use the tops and roots as greens. This method of sowing takes one ounce of seed for 20 feet of row.

The best results are obtained on a deep, rich, sandy loam. Sow seed 1 inch deep, in drills 16 inches apart, as early as possible. If wanted very early, sow in hotbeds and transplant to open ground. Thin to stand 3 or 4 inches apart. Cultivate cleanly and thoroughly. For succession, sow at intervals until middle of July.

DETROIT DARK RED

For canning either whole, sliced or cubed when the bulbs are over 2 inches in diameter this strain of Detroit is by far the best.

The most popular table and canning Beet grown. As a second-early variety, we recommend it for the home and market garden. Our special strain is more uniform in shape and color than the old Detroit Dark Red. The tops and tap roots are small and the leaves dark green, shaded red. Beets are round, smooth, and very dark red in skin and flesh. In tenderness and sweetness they are unsurpassed.

Pkg. 15c; oz. 30c; ¼ lb. 75c

EARLY WONDER

We offer a Special Tall-Topped Strain of this splendid early and extremely attractive, round, bright red Beet. While the small, young Beets are round in form, at maturity they become slightly flattened. They are very smooth and the skin deep red. The inside bright red with practically no light circle. It is very uniform in shape and size, and is popular for home or market gardens is amply proved by the many favorable comments that come to us.

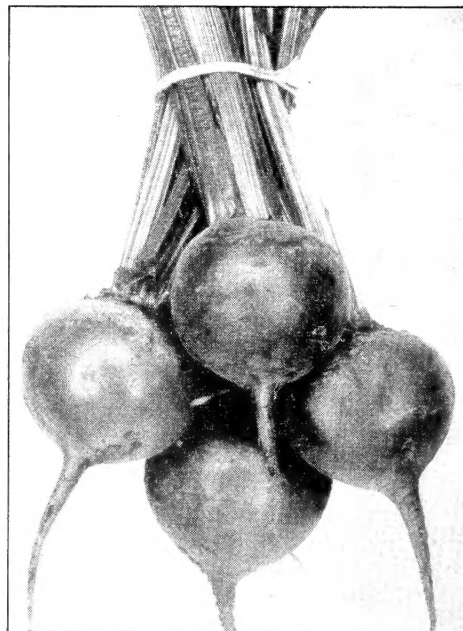
Pkg. 15c; oz. 30c; ¼ lb. 75c

CROSBY'S EGYPTIAN

This is the best kind to grow when you want to use Beets when very small, say up to 2 inches in diameter.

Our special strain of this popular variety is better in many respects than the old one. It is globular, perfectly smooth, with short top, small tap root, and both skin and flesh dark in color. Much earlier than all other dark-fleshed varieties. That it is the very best early Beet for home or market gardens is amply proved by the many favorable comments that come to us.

Pkg. 15c; oz. 30c; ¼ lb. 75c



We are particularly proud of this strain of
Detroit Dark Red Beet

GREEN TOP WONDER

A great favorite with the many gardeners who like "Beet greens." Grows very rapidly, clean, bright green, tall foliage that does not turn bronze in cool weather. Splendid, nearly globe-shaped bulbs, red-skinned and with deep red flesh slightly zoned with a lighter shade. Very good quality.

Pkg. 10c; oz. 20c; ¼ lb. 65c

PERFECTED DETROIT

This is a splendid Beet to grow in the fall, either for immediate use or for canning. The bulb is nearly round and very smooth. The flesh fine grained, never woody, solid red, perhaps not quite as uniformly so as our Short Top Strain of Detroit. Has seldom any light rings and is high in quality. The tops are abundant and tall growing. This Beet is particularly popular with the commercial canner who harvests his crop with machinery.

Pkg. 15c; oz. 30c; ¼ lb. 75c



Detroit Dark Red Beet grown from our seed by Patsy Combo and Son on the muck lands in Elba, N. Y.

BEANS FOR YOUR GARDEN TENDER AND STRINGLESS

A very popular and worthy home garden vegetable which gives quick results after planting—Beans on the table in six weeks. Sow in spring and early summer, in warm soil, in rows 2 feet apart, seed 2 to 3 inches apart in the row; or in hills 12 inches apart, 3 to 4 Beans to a hill. For a continuous supply of Beans, make additional sowings every 2 weeks. In this part of the country you can plant Beans until the first of July.

One package of Wax- or Green-Podded Beans will plant 25 feet of row; 1 pound 200 feet.

WAX PODDED BUSH BEANS

★ **Brittle Wax. Round Pod Kidney Wax.** Splendid for the home garden as well as for canning. Round, smooth, slightly curved, light yellow pods 6 inches long, fleshy, brittle and of the highest quality. There is no trace of string or fiber at any stage of growth. The kidney-shaped seed is white, marked with black near the eye. Matures in 58 days. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

Cherokee. Long, straight, handsome clear waxy yellow pods, oval shaped, very meaty and of top quality and flavor. The low growing, vigorous plants are remarkably heavy bearing under just about all conditions of soil and weather. It's a splendid new kind you can depend on. The seed is black. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

PUREGOLD All-America Bronze Medal Winner, 1948. The low growing, thrifty, heavy bearing plant is resistant to Bean mosaic and produces quantities of 6-inch long, slim, round, golden yellow Beans that are absolutely stringless and of splendid flavor and quality. Mature in 55 days which is slightly earlier than Brittle Wax. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

★ **Pencil-Pod Black Wax. Best Round-Pod Wax Bean.** The pods are about 7 inches long, round and very fleshy. This splendid Bean is absolutely stringless at all stages of growth, always brittle, fine grained and tender. In quality it is unexcelled. The plant is strong growing and bears abundantly. Seeds are black. Matures in 55 days. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

Sure-Crop Stringless Wax. Best Flat-Pod Wax Bean. It is a thick-stemmed, medium-sized grower that holds its pods up from the ground and protects them from dampness and dirt. Bears large, handsome, flat, golden yellow pods of excellent quality, in great abundance. Grown extensively for market. Matures in 54 days. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

Unrivaled Wax. The very earliest Wax Bean for the garden. Bears wonderfully heavy crops of clear yellow, 6-inch Beans, flat but fleshy, brittle, stringless and remain tender over a long period. The plant is medium large, thrifty and resistant to disease. Seeds are yellowish brown. Matures in 52 days. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.50



This Brittle Wax Bean is very popular both with the amateur and professional grower. It has very high quality, is entirely stringless, and the seeds are white.

LIMA BEANS

Always plant Lima Beans with the eye down, 6 inches apart, 1 inch deep, and not until the ground is warm. Do not brush against Bean foliage when it is wet. It pays to give Lima Beans plenty of room to grow in. Pkg. plants row 20 ft.; lb. 150 ft.

★ **Fordhook US242. All-America Bronze Medal Winner, 1945.** Nearly straight pods, uniform in size and shape, filled to overflowing with three and four very plump Beans of the highest quality. The large, vigorous plants are better yielders, especially for early picking than the old Fordhook and hold their fine form and size throughout the whole season. We have discontinued the old Fordhook as this new variety is so much better in every way. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

★ **Henderson Bush. The "Baby" Lima Bean.** Both pods and Beans are small but are produced in large quantities. Continuous bearers. A small patch will keep a family supplied with delicious Limas all season. The quality is very good. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

Early Market. All-America Bronze Medal Winner. Earliest large-podded Bush Lima. Developed by the U. S. D. A. at Beltsville, Md., and a great improvement on Burpee's Bush Lima. It matures a week before Fordhook, bears quantities of fresh green colored pods containing 3 to 4 large, flattened Beans of top quality and flavor. This is a mighty good Bean for either garden or market. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

Triumph. Silver Medal 1949, All-America Award. This new small sized, thick seeded "Baby Lima" is more prolific, with larger and thicker Beans, better protected from the sun than the older kinds. Plants are very vigorous growing and you can depend on it to bear a heavy crop every year. Height 16 inches. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

SHELL BEANS FOR SOUP OR BAKING

Seneca Horticultural. A new Horticultural or Cranberry Bean. Long, thick, flat, light green pods splashed with carmine when mature. The Beans are light buff in color, heavily splashed with crimson. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.50

Robust Pea or Improved Navy. Small, white. Pkg. 10c; 1/2 lb. 25c; lb. 40c; 5 lbs. \$1.75

White Kidney. Dwarf, hardy plants. Pods 6 inches, filled with large, kidney-shaped, white Beans. Pkg. 15c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.50

Broad Long Pod BEANS DELICIOUS GREEN SHELL BEAN

Also called Fava and Horse Bean. Grown for green shell Beans, which are large, broad and flat, somewhat resembling Limas, and should be used in the same way. Flavor is like Peas. Plant grows very large and erect. The pods are 9 to 10 inches long, 1 1/4 inches wide and generally hold six Beans. Plant the seed as early as possible, for it takes 100 days to mature, and they will not thrive in midsummer heat. A package will make a row about 15 feet long; 1/2 lb. will sow 50 feet. Pkg. 10c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.45

POLE BEANS

One of our customers had very good luck by planting a row of Russian Giant Sunflower in hills about 2 feet apart and growing Kentucky Pole Beans on them. Both can be planted together, as the Sunflower will keep ahead of the Beans.

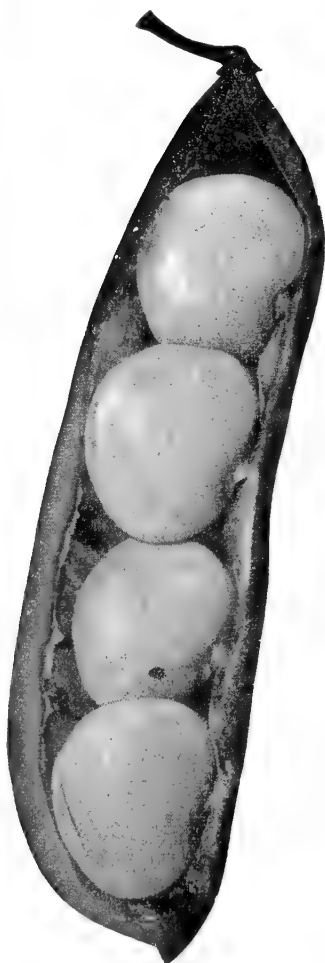
★ **Kentucky Wonder or Old Homestead.** The best early green-podded Pole Bean for home or market garden. Vigorous and productive. Pods 9 to 10 inches long, of fine quality, very fleshy, saddle-backed and stringless when young. Matures in 63 days. The seed is brown. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

★ **Kentucky Wonder Wax.** The best Pole Wax Bean for northern planting. Similar in habit of growth to Kentucky Wonder Green Pod and bears as early, or when as high as the average Bush Bean. Pods are golden yellow, deliciously flavored and so fleshy that often the thickness surpasses the width. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

★ **POLE LIMA, King of the Garden.** We think that this is the best Pole Lima; heavily productive, bearing straight pods 6 inches long, containing 4 to 5 large, thick, flat white Beans of very excellent quality. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

Scarlet Runner. Bears large sprays of brilliant scarlet flowers and is valuable not only for ornamental purposes but for its food value as well. The 8-inch pods are very good to eat when young. Pkg. 15c; 1/2 lb. 40c; lb. 70c

For much stronger, healthier plants and a much higher yield, treat your Lima Bean seed with Spergon. (See page 63.) Two ounces will treat just about all the Pea, Lima Bean, Squash, Cucumber and Melon seed normally used in a home garden.



Fordhook US242—All-America Bronze Medal Winner, 1945



Longgreen is a splendid stringless Bean with long, round pods of top quality.

Pick your Beans in the morning if possible, but never when the foliage is wet, and please keep them picked or they will stop bearing.

Green Podded Bush Beans

Keep your garden working all season. Enjoy tender, stringless green Beans until freeze-up time. For a succession of crops sow the seed every two weeks until July. 1 pkg. will plant a 25-foot row; 1/2 lb. will plant 100 feet.

★**Bountiful.** Most popular Flat-Podded Green Bean. The vigorous, hardy plants bear great quantities of thick, broad, solid and meaty pods about 7 inches long. They are tender, of the highest quality and unusually delicious in flavor. This Bean retains its stringless quality even into maturity. Seed is brown. Season 51 days.
Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★**LONGGREEN** Winner of All-America Award for 1946. About one inch longer than Tendergreen and of the same high quality. A splendid new kind that will no doubt replace Tendergreen very soon. Plants are strong growing and bear abundantly, ripening their fruit in about the same time as Tendergreen. 53 days. Keep them picked and they will continue to bear over a long season.
Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

PLENTIFUL The Best Flat-Podded Green Bean. Bronze Medal, All-America Selections 1938. This is the top quality Flat Green Bean. The long, straight, light, fresh green pods are very smooth, entirely stringless whenever you pick them, and very meaty. The plant is very sturdy, grows about 15 inches high and bears a good crop of handsome pods every season. You can depend on Plentiful!
Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.55

Stringless Black Valentine. Oval-Pod Type. Very early maturing semi-round, smooth, dark green Bean of high quality, brittle and entirely stringless. This is a great favorite with commercial growers as a snap Bean for its fine appearance and very good keeping qualities. Seed is black. Ready in 55 days. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.55

SUPERGREEN A new mosaic-resistant green-podded Bean that has won All-America recognition. The slender round pods are very long, of top quality and absolutely stringless. We had glowing reports from customers who had this Bean in their garden last summer. They told us that it produced bigger crops of higher quality Beans than any kind they had ever had in their garden. The plant is very sturdy and grows about 15 inches high. Beans are ready for a first picking in about 56 days. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

★**Tendergreen.** Straight, round pods 6 1/2 inches long, absolutely stringless and of the very highest quality. It has just about everything. A very heavy and early yielder of Beans of the finest flavor and quality. Of course they are stringless. Ready to eat in 53 days. Seed is brown. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

FROM VICK'S ILLUSTRATED MAGAZINE, MARCH, 1880

Watering Seeds: To make small seeds grow surer, make shallow drills and sow in; cover up slightly; place laths between the rows and old newspapers over them, and some sticks on the papers to keep it in place; water on the paper and take the paper away as soon as the seeds are up.—F. H. W., Lake Constance, Minn.

Broccoli

A vegetable very similar to Cauliflower but less delicate in flavor. Hardy, thrives best in cool weather and should be hoed and watered frequently. Sow the seed inside or in cold frames in January or February and set out plants when ground is warm. A large bluish green flower bud head forms in the center. After this is removed, small heads are produced on side branches. Cultivate same as Cauliflower. A package of seed will make about 350 plants. An ounce, 3000.

★**Italian Green Sprouting Calabrese.** A favorite vegetable with the Italians and now becoming very popular in our American gardens. The plant forms good sized heads, and after these are cut, other heads form, providing fresh vegetables for a long season. Sow early in cold frames for spring; outdoors in June and July for a fall crop. Ready to eat in 70 days.
Pkg. 20c; 1/2 oz. 50c; oz. 85c

De Cicco. A new very early kind making a large center head within 60 days after planting and continuing to bear for many weeks. This kind produced more edible heads of high quality than any other variety in trials last season.
Pkg. 25c; 1/2 oz. 65c; oz. \$1.25



Italian Green Sprouting Calabrese Broccoli

Brussels Sprouts

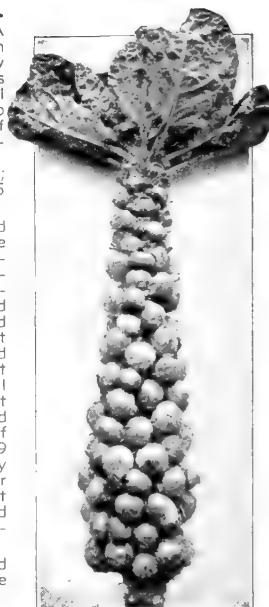
The small heads, resembling Cabbage, are formed along the stalk. Prepare like Cabbage or in cream, like Cauliflower. Sow seed in spring; transplant and cultivate same as Cabbage, except leaves should be broken down in fall, giving heads more room to grow. Freezing improves the quality of the sprouts. They may be left in the ground, here in the North, until December. One package of seed will produce 350 plants; one ounce, 3500 plants.

★**Long Island Improved.** (Special Strain.) A very fine strain grown extensively for the New York market. The plants grow 20 to 24 inches tall and produce a large crop of very solid heads of sweet and delicious flavor.
Pkg. 20c; 1/2 oz. 90c; oz. \$1.65

The seeds I purchased from you last year gave me excellent results, especially the Sebago Potatoes, Tendersweet Carrots, Longgreen Beans, and Brittle Wax Beans. I had the largest and tenderest Beans I have ever raised and I raised Tendersweet Carrots which were still in the ground when frost came and when pulled showed at least half of the crop to be about 9 inches long and many were 3 inches in diameter at the top. The best part is that the flavor and tenderness was unimpaired.

I hope to have as good luck this year with the same types.

Thank you,
ROBERT P. DIPPEL.
Bricklin Road,
Sag Harbor, N. Y.



This Long Island Strain of Brussels Sprouts is the best we have seen either for market or for your own garden.



Plentiful is a splendid flat-podded Bean

HART & VICK'S CABBAGE

A heavy, moist, rich loam, thoroughly cultivated, highly manured and worked deep, is most suitable to Cabbage. Early Cabbage should be started under glass in March, and transplanted 2 feet apart in rows 2 feet apart as soon as ground outside can be prepared.

For late plants, sow in drills in open ground in May; transplant in July. Protect against insects by dusting.

One package will produce about 350 plants; 1 ounce about 3500 plants.

The numerals directly after the variety name denote the number of days from setting of the plants to maturity of head. It usually takes about 30 days to produce the plants from seed

Early and Midseason Kinds

Copenhagen Market. (66 days.) The most popular early, very large, round-headed Cabbage among home and market gardeners. We are really proud of this strain of Copenhagen Cabbage; it is, we believe, the very best medium-large early Cabbage that can be grown. Heads light green, round, solid, 6½ inches in diameter and 6 inches deep, weighing from 4 to 5 pounds, and of excellent quality.

Pkg. 10c; ½ oz. 35c; oz. 65c

Early Jersey Wakefield. (62 days.) Very early, hardy, compact, erect grower, with few outer leaves, which permits close planting; short stem; medium sized, solid, pointed, uniform heads of fine quality, usually weigh 2 to 2¼ lbs.

Pkg. 10c; ½ oz. 35c; oz. 65c

Glory of Enkhuizen. (76 days.) A large, solid, round, sure-heading Cabbage of vigorous growth and fine quality. We recommend it for both the home and market garden. Popular for kraut making.

Pkg. 15c; ½ oz. 35c; oz. 65c

Golden Acre. (64 days.) The best very early Cabbage of medium size, 3 pounds. An excellent solid, round-headed variety for your garden, on account of earliness, fine quality and unusual uniformity of shape. Small, round, compact, solid heads are generally about 6 inches in diameter and weigh 3 pounds. Similar to Copenhagen Market but several days later. Plants small and compact and the stems short.

Pkg. 15c; ½ oz. 35c; oz. 65c

Large Late Copenhagen. This is a splendid Cabbage for kraut and also mighty good for market. About eight days later than our Early Copenhagen, it makes heads 10 to 12 inches in diameter that don't split, but remain firm and solid longer than other kinds. Very high quality and heavy yield make this a most useful kind.

Pkg. 15c; ½ oz. 35c; oz. 65c

FROM VICK'S ILLUSTRATED MAGAZINE, AUGUST, 1878

Early Cabbage. Last October I sowed some early Cabbage seed, because I read in one of your books that this was the way to have Cabbage very early in the spring. Early in December I put some boards around the bed, making a kind of box, and for a cover for the box I put evergreen boughs. Very early in the spring I set out the plants, and never before saw Cabbage so early and so good. In June I had splendid Cabbage.—CYGNET.

CHINESE CABBAGE MAKE THE BEST CABBAGE SALAD

Cut into quarters and boiled with meat, or alone, its mild, rich flavor and tenderness put it far ahead of Cabbage. Sliced thin and served cold with a cream dressing, it makes a most appetizing coleslaw. Served with broiled sliced bacon and a hot meat gravy poured over it, it is very good. Boiled, fried, baked with cheese—any way you have a mind to cook or serve Chinese Cabbage you will find it delicious. There won't be any tough outside leaves to it, for it's practically all heart, tender, crisp and juicy. It's very easily grown. Sow the seed in July, in rows 15 inches apart, and thin the same as Lettuce.

Chihili. This is the true, dependable strain we have been offering you for years. You may want to continue to use this older kind you know, until a trial of the new Michihli decides you to drop the old kind.

Pkg. 15c; ½ oz. 30c; oz. 50c

Michihli. A new uniformly sure heading kind, with longer 20-inch tall 3½- to 4-inch thick, slightly tapered, very solid heads of crisp, creamy yellow, splendidly flavored. The deep fresh green outer leaves makes this kind especially attractive.

Pkg. 25c; ½ oz. 50c; oz. 90c

In no case should Cabbage, Brussels Sprouts or Cauliflower be grown on the same soil more than once in four years, or serious disease infection may result.

Commercial Cabbage growers please send for our Market Growers Seed Catalog. We are very proud of the Super Strain of Danish Cabbage Seed we offer.

Late Cabbage

Seneca Danish Ballhead. New York State Grown Seed that showed up very well indeed in many trials throughout the state. A new and superior strain of Danish Ballhead developed by the Robson Seed Company at Hall, N. Y., and released to commercial growers in 1947. Very vigorous growing, medium short stem, outstanding in yield and quality. The heads are very solid, uniform, average 5 to 6 lbs. apiece.

Pkg. 15c; ½ oz. 35c; oz. 65c

Penn State Ballhead. Probably the heaviest yielding and most solid-headed of any kind. It originated at Pennsylvania State College; a short-stemmed variety, heads slightly flattened globe shape, 8 to 9 inches across, weigh about 10 pounds, very firm and very solid, quality of the very best, keep perfectly in storage until late spring. Try it.

Pkg. 15c; ½ oz. 35c; oz. 65c

Red Cabbage

Mammoth Rock Red. (90 days.) The very best large red Cabbage. The heads are very solid, about 7 inches in diameter and weigh about 7 pounds. The color deep purplish red and the quality unequalled. If you have never grown red Cabbage, do so this year. You will be well pleased with the results.

Pkg. 15c; ½ oz. 35c; oz. 65c

Yellows-Resistant Kinds

These strains were brought out by the Wisconsin Experiment Station so that Cabbage could be grown on farms with "cabbage yellows" soil. If you have had trouble growing Cabbage, try these resistant kinds.

Globe (Yellows-Resistant Glory of Enkhuizen). (80 days.) Use this in place of Glory of Enkhuizen on all land that is infected with yellows.

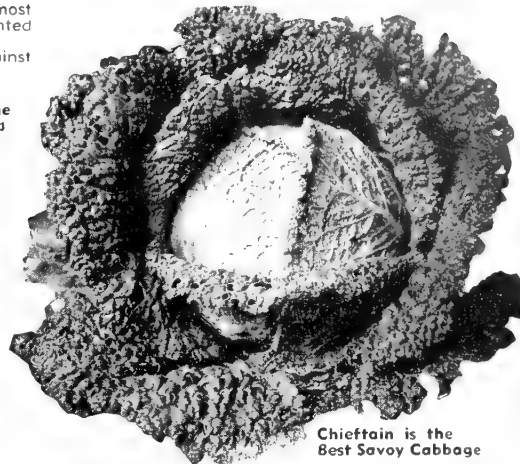
Pkg. 15c; ½ oz. 40c; oz. 75c

Golden Acre. (Yellows-Resistant.) (64 days.) Same as the regular Golden Acre but making it possible to grow good crops on sick soil.

Pkg. 15c; ½ oz. 40c; oz. 75c

Marion Market (Yellows-Resistant Copenhagen Market.) (75 days.) A round, solid-headed, crisp-leaved Cabbage that will produce a crop on "yellows" infected soils where non-resistant strains fail completely.

Pkg. 15c; ½ oz. 40c; oz. 75c

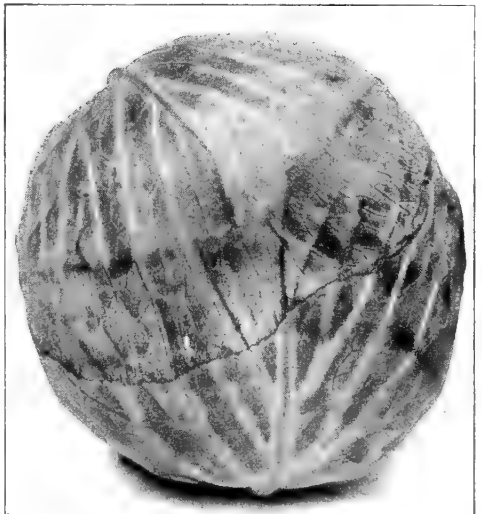


Chieftain is the Best Savoy Cabbage

Savoy Cabbage

Chieftain. The best of the main crop late Savoy for the home or market garden. Outer leaves are large, thick, fleshy and densely crumpled. The heads are large, round, sweet and tender. Savoy Cabbage is quite unique in flavor and it is preferred by many connoisseurs to any other Cabbage.

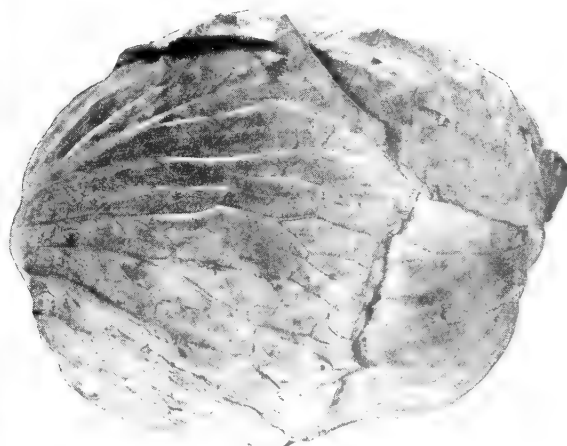
Pkg. 15c; ½ oz. 35c; oz. 65c



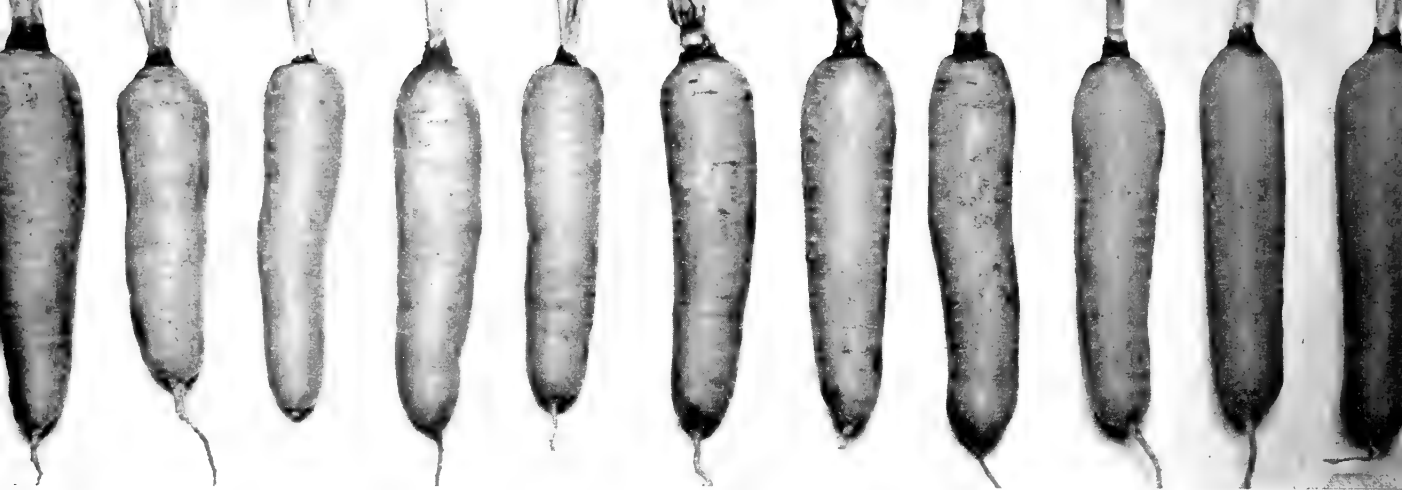
We firmly believe that this Seneca Danish Ballhead is at least the equal of any in the country.



A New Chinese Cabbage, Michihli, That We Are Offering This Year



Copenhagen Market is the best early large size round headed Cabbage for your garden



These are Nantes Carrots, Our Strong Top Strain, Often Called "Coreless"—We Believe It's the Very Best Kind for Your Garden

CARROTS for FARM and GARDEN

Any good land, thoroughly worked, will produce a satisfactory crop of Carrots. Sow as early in spring as possible, though good crops may be grown from seed sown as late as the middle of June. For table use, sow smaller kinds early, in rows 16 inches apart; for field growing, in drills 18 to 24 inches apart. Cover one-half to one inch deep and press soil down firmly above the seed. Thin 2 to 6 inches apart, according to size of variety. When preparing Carrots for the table, wash and scrape them, never peel; the best flavor and color are near the skin. One package of seed will sow 30 to 40 feet of row; 1 ounce, 300 feet; about 3 pounds, an acre

Chantenay, Long Type. Our strain of this long, smooth Carrot with bright orange skin, orange flesh and very little core, is particularly good. We had it in 8 trials on upland and on the muck in New York State this past season and it was Number 1 on the list in every single trial. This Carrot will make tonnage for it grows 7 to 8 inches long and $2\frac{1}{4}$ to $2\frac{1}{2}$ inches in diameter at the shoulder. A good kind to sell in baskets on the market or to canners.

Pkg. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. 95c

*** Chantenay Red-Cored.** This is the best large coreless Carrot for both the home garden and for market and the strain we offer you here is absolutely tops for uniformity of shape and size, for smoothness, and for both exterior and interior color. The roots are about 6 inches long and 2 inches thick at the shoulders, smooth, reddish orange, tapered and blunt ended. The bright, clear orange flesh is fine-grained, tender and sweet, with practically no core. Grown for sale at roadside stands, public markets and to canners who "dice" them. We are particularly proud of this strain of Red-Cored Chantenay.

Pkg. 15c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.25

Imperator. (Long type.) A new variety of the bunching type, with roots from 8 to 10 inches long. The skin is very smooth, deep orange in color—a color which extends clear through the root. The core is very small and tender. Exceptionally fine for market and for home gardens.

Pkg. 15c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.25

Tendersweet. We had a dozen or more trials of this Carrot in home gardens again last season, and without exception, every gardener was enthusiastic about the tenderness and sweetness of its flesh. The roots in the majority of gardens were about 7 inches long, tapering from a shoulder to a rather blunt point, deep orange-red colored skin and fine grained orange flesh with practically no core. You may like Tendersweet better than the Carrot you have been growing.

Pkg. 15c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.45

Red-Cored Chantenay Carrots—We are very proud of our stock of this popular large Carrot.

*** Nantes Improved (Coreless).** One of the best and certainly the most popular long, slender-shaped Carrots for the garden.

We believe this Strong Top Strain of ours to be unexcelled either for back-yard garden growing or for market. Roots 7 to 8 inches long, smooth and blunt-pointed, just about cylindrical in shape and bright orange in color. Flesh is bright orange and of the highest quality. This Carrot is often called "Coreless" Carrot. Small tops make it desirable for bunching. Commercial Carrot growers insist on a strong top strain of Carrot, so when they pull and bunch for market, the tops won't break away from the root. It's a great asset to a Carrot in your home garden also.

Pkg. 15c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.45

*** Touchon.** Similar to Nantes Improved, but preferred by some market and home gardeners for its greater length. We specially recommend that market growers try this variety. It may be just the Carrot their market wants.

Pkg. 15c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.45

To help make Carrots grow long, smooth and straight, make a cut spade depth on each side of the row 2 inches from the roots.

FROM VICK'S ILLUSTRATED MAGAZINE, JANUARY, 1879

"Good choice Onion seed is cheap at almost any price, and cheap, poor seed is dear as a gift, with a premium thrown in. Charles Spencer, of Mohawk, New York, appreciates this fact, and wrote to know if we could advise where he could get good true Onion seed that would grow. We recommended seed that we assured him would produce ninety good Onions for every one hundred seeds sown. Mr. Spencer wrote January 16th: "You spoke of ninety per cent of the Onion seed producing nice bulbs. It did better than that, I think, as I raised two hundred and twelve bushels of Yellow Danvers on one quarter of an acre."



Tendersweet Carrots—Splendid Quality

Chicory

Large-Rooted or Long Madgeburg. Extra large, long roots. The young leaves make an excellent salad. Feed to poultry as a tonic and the dried roots may be used as a substitute for coffee. A package of seed will sow 25 feet of row.

Pkg. 15c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$2.00

Witloof or French Endive. Sow seed in spring in open ground, $\frac{1}{2}$ inch deep, in rows 18 inches apart, thin to 6 inches apart. Allow plants to grow until November. Take up roots and trim off leaves to about $1\frac{1}{2}$ inches from the neck. Plant roots in trench $1\frac{1}{2}$ inches apart and cover with 8 inches of fine soil. Here they produce blanched leaves for winter salad and cooking as greens. A pkg. of seed will produce about 350 plants.

Pkg. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$2.25

Asparagus or Celery. Also known as Italian Chicory, Radichetta (Catalogna), and Italian Dandelion. Rapid growing salad plant with dandelion-like leaves often used for early greens. The leaves and flower shoots are very tender and have a faint Asparagus flavor and can be cut several times during the season. Very easily grown. A pkg. of seed will sow 35 ft. of row.

Pkg. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$2.25

Cardoon


Large Smooth. A perennial grown for the fleshy leaf stalks or midribs which are cut in the fall and grow up again the following spring. Grows about 3 ft. tall and is often tied up to hurry blanching of the leaves.

Pkg. 15c; $\frac{1}{2}$ oz. 65c; oz. \$1.20







The popularity of these golden yellow **Jubilee Tomatoes** is increasing every year.
Pkg. 15c.




Nantes is a splendid coreless garden Carrot. Our strain has a strong top that does not break off when pulling.
Pkg. 15c; 1/2 oz. 30c.




Fordhook 242 is the very best large Lima Bean.
Pkg. 15c; 1/2 lb. 40c; lb. 70c.



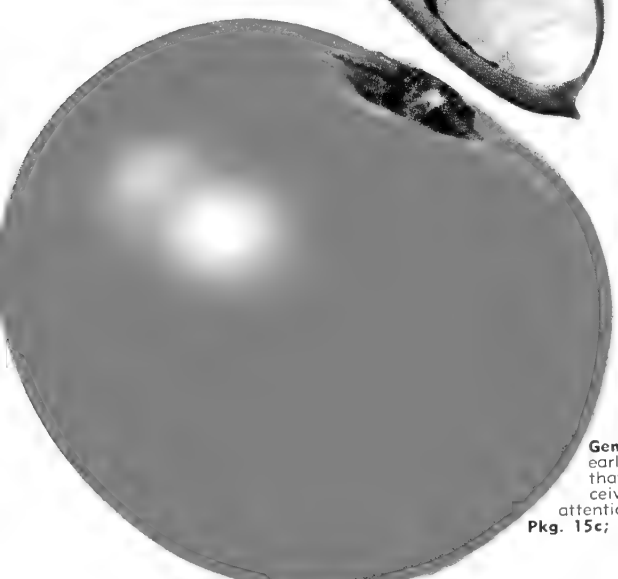
Sweet Spanish Onions, large, sweet and mild, are easy to grow from plants. See page 25.



The splendid new Wax Bean, **Cherokee**. Wonderfully productive.
Pkg. 15c; 1/2 lb. 40c; lb. 70c.



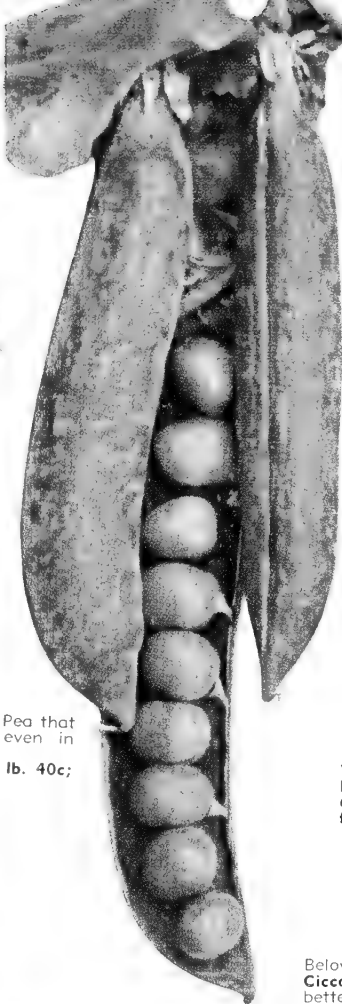
We think **Iroquois** is the best Muskmelon for both home garden and for market.
Pkg. 15c; 1/2 oz. 30c.



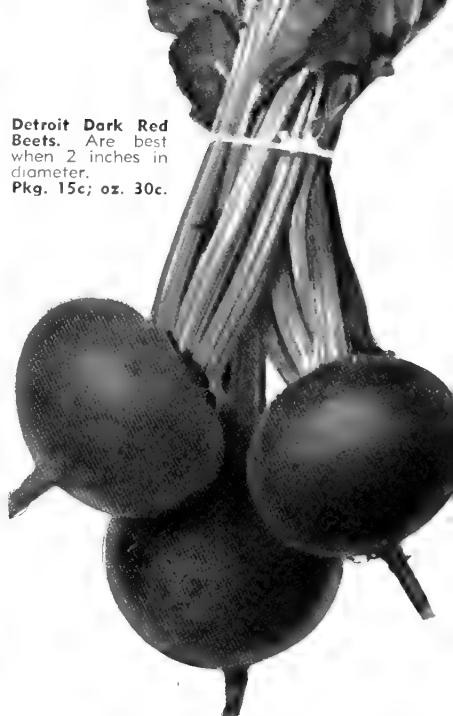
Gem is the new early Tomato that has received so much attention lately.
Pkg. 15c; 1/2 oz. 60c.



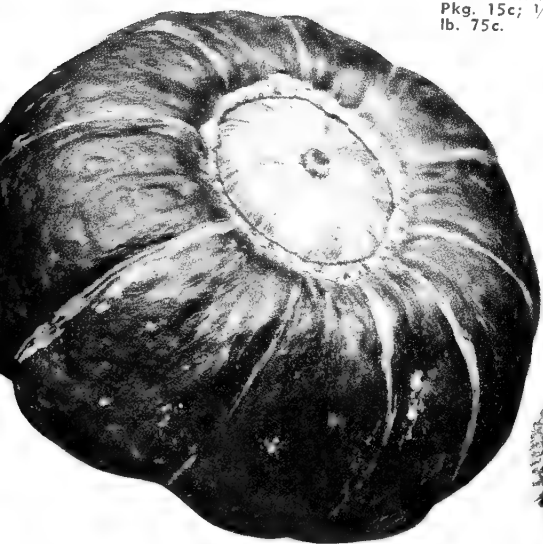
Cavalier. A splendid mild, crisp Radish for your garden. **Pkg. 10c; oz. 30c.**



Wando. The Pea that bears crops even in hot weather. **Pkg. 15c; 1/2 lb. 40c; lb. 75c.**



Detroit Dark Red Beets. Are best when 2 inches in diameter. **Pkg. 15c; oz. 30c.**



For top quality in winter Squash, grow **Buttercup.** **Pkg. 15c; oz. 45c.**

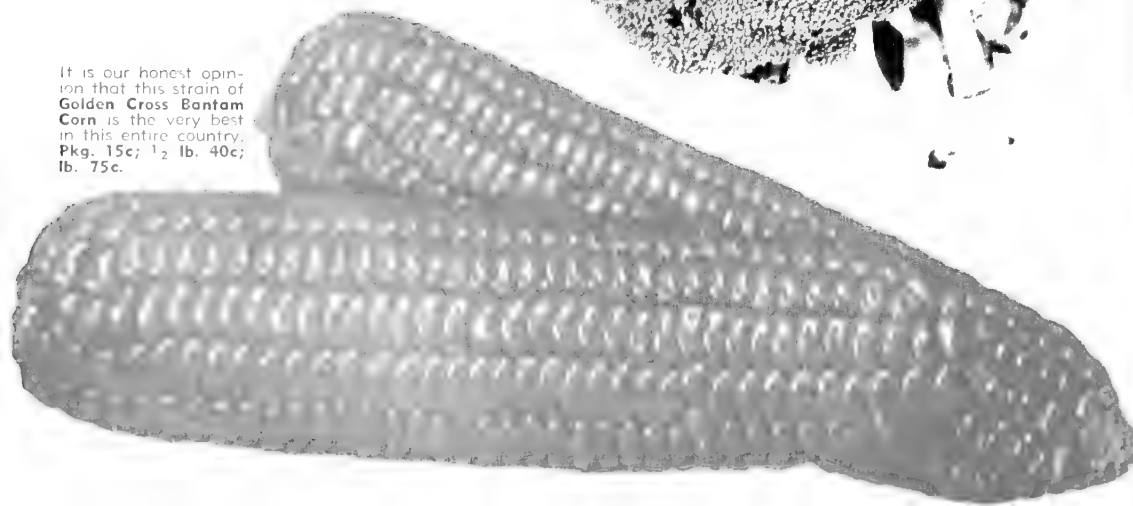
Valentine new Rhubarb; red, sweet flesh. **65c a root; \$1.75 for 3. Prepaid to you.**



Below is the new **De Cicco Broccoli.** Much better than older kinds. **Pkg. 25c; 1/2 oz. 65c.**



It is our honest opinion that this strain of **Golden Cross Bantam Corn** is the very best in this entire country. **Pkg. 15c; 1/2 lb. 40c; lb. 75c.**



CAULIFLOWER

One package of seed will produce 150 plants; 1 oz., about 4000 plants.

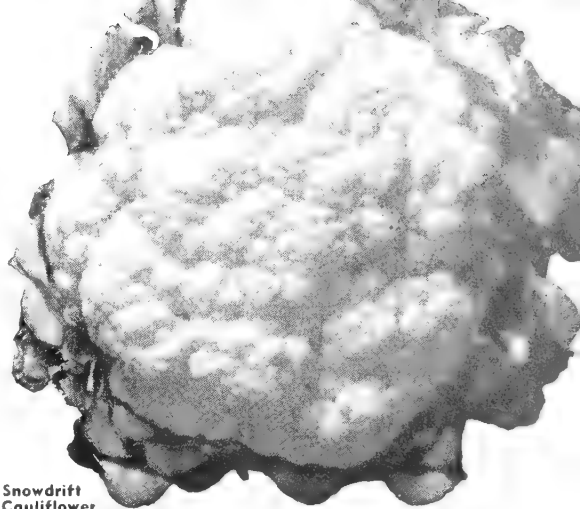
For early Cauliflower, sow seed under glass in January or February and transplant to cold frames, 2 to 3 inches apart each way. Set in open ground early in the spring in rich, warm, moist soil. Water freely in dry weather, especially when plants are heading. For main crop, sow seed in June, set out your plants the latter part of July. After heads have begun to form, draw leaves over and tie to protect from the sun and keep them white. Cut while heads are compact and firm.

Early Snowball. A splendid variety that is ready to cut in 58 days from the day the young plants are set out. The very compact, solid heads are of medium size and mature all about the same time. The creamy white curd is usually smooth and firm. Pkg. 25c; 1/4 oz. 95c; 1/2 oz. \$1.75; oz. \$3.25

Super-Snowball. Large, deep, solid, snow-white heads. Foliage heavy and upright, protecting the heads that mature early and evenly, and under favorable conditions the entire crop can be harvested at practically one cutting. Pkg. 25c; 1/4 oz. 95c; 1/2 oz. \$1.75; oz. \$3.25

***Snowdrift or White Mountain.** This kind makes a very large, deep, solid, pure white head. The heavy, upright growing leaves are very numerous and being close together force the smaller inner leaves to curl over and protect the head. Well adapted for use under a wide range of conditions and generally considered the most satisfactory strain for the main crop for fall harvest. Pkg. 25c; 1/4 oz. 95c; 1/2 oz. \$1.75; oz. \$3.25

Early Purple. More delicately flavored than any of the white varieties. The large, solid heads that need no blanching are deep purple and when cooked are green like Broccoli. Plants set out in early June will ripen heads before October. Pkg. 25c; 1/4 oz. 85c; oz. \$2.75



Snowdrift Cauliflower



CELERIAC

Turnip Rooted Celery

This delicious vegetable, although used extensively throughout Europe, is but little known in this country. Cultivate same as Celery, except no hilling is necessary. It is cooked in various ways, boiled and creamed, put in stews or sliced very thin and put in boiling water, then served cold in salads. Every gardener should grow it. A package of seed will sow about 50 feet of row.

Large Smooth Prague. The standard variety, roots 3 to 4 inches in diameter, globe-shaped, fairly smooth, brownish yellow in color. Quality excellent. Pkg. 15c; 1/2 oz. 50c; oz. 85c; 1/4 lb. \$2.45

CHERVIL

Curled. The young leaves are used for flavoring soups and salads and for garnishing. Pkt. 15c; oz. 30c; 1/4 lb. 75c

CRESS

Broad-Leaved. Resembles Water Cress in shape of leaf and in flavor, but grows well in the garden, being ready to use in about 60 days from seed sowing. Pkg. 15c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.25

Fine Curled or Pepper Grass. The finely cut leaves that grow so quickly are used for flavoring salad, for garnishing or as a green in sandwiches. Used with Lettuce, it adds an agreeable pungent taste. Sow every two weeks for continuous supply. A package usually makes enough plants for the average family. Pkg. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.00

Water Cress. This requires a stream of water, ditch or pond in which to grow. Sow the seed in shallow water in the muddy bottom in the spring and keep free from weeds. Very popular for garnishing and for salads. Pkg. 20c; 1/2 oz. 55c; oz. \$1.00; 1/4 lb. \$3.50

"Good Vegetables," says the Gardener's Chronicle of March, 1878, "are secured more frequently by a careful selection of seed than in any other way, and the high quality which they have attained is chiefly due to the great care of our enterprising seed growers."

FROM VICK'S ILLUSTRATED MAGAZINE, FEBRUARY, 1880
Water Cress: Seed sown early in the spring on the north side of brick wall, came up thick, grew well; watered well in dry, hot weather; used early in fall following. It was pronounced by Englishmen, used to it, as quite equal to that grown in water. I recommend to all persons wanting a good stomach, to try its cultivation.—E. B. H., Springfield, Ill.



Chives are one of the most useful of the "flavoring" vegetables. Use it in salads and in soups.

CHIVES

(Allium Schoenoprasum)

Most useful of the kitchen herbs. A low growing perennial that develops into a plant with thick, grasslike foliage, somewhat similar to Onion tops. These tops are used to give a mild Onion-like flavor to soups, stews, salads, meat sauces, gravies, omelets, potatoes. The more often the leaves are cut the stronger the plant grows. Pkg. 15c; 1/4 oz. 45c; oz. \$1.35



Garden Cress



COLLARDS

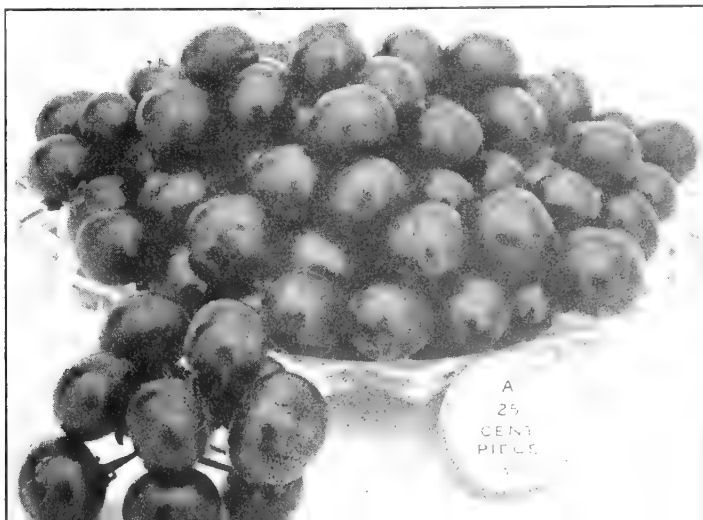
Georgia. Sometimes called non-heading Cabbage. Very popular in the South for boiling greens. Large, tender leaves that have a mild Cabbage-like flavor on 3-foot plants that bear all season. Ready in 80 days. Pkg. 15c; oz. 25c; 1/4 lb. 65c

The Garden HUCKLEBERRY

Freeze them and store for winter in your food locker.

These Seed Huckleberries or Sunberries—Wonderberries—Garden Berries—their botanical name is Solanum—they bear fruit from seed the first year.

These pie berries grow big, strong plants that bear quantities of fruit the same season that you sow the seed. Some call them Sun Berries, others Wonder Berries. Down in Wayne County, N. Y., where we saw them first, they call them Seed Huckleberries, first because they grow and bear from seed the first year and Huckleberries for the reason that pies made from them rival the most delicious Huckleberry pies that you ever tasted. Package of 50 seeds 15c; 2 pkgs. 25c



A
25
CENT
PIES

HART & VICK CELERY

Celery seed is very slow in germination, and should be sown in March in flats under glass and kept moist. When plants are 2 inches high, thin out and transplant to stand 3 inches apart each way. When 5 inches high, set out, 6 inches apart, in trenches 6 inches deep. Cut off outer leaves and press soil firmly about roots. Cultivate thoroughly. When full grown, blanch by mounding gradually with earth or by pressing stems together by board on both sides of row. For winter storage, take up the plants with roots and place upright on wet soil in a dark cellar or roothouse, packing closely.

1 pkg. of seed will produce about 500 plants; 1 oz. about 8,000 plants.

Cornell No. 6. Very much like No. 19 but the stalks are a little heavier and not as sharply ribbed. Makes a somewhat heavier growth than Cornell No. 19 and shows a little fuller heart. This is a specially good Celery for salad as the stalks are very thick, almost round and absolutely stringless and of the very highest quality. Pkg. 20c; 1/4 oz. 75c; oz. \$2.25

Cornell No. 19. Developed and introduced by the New York State College of Agriculture. A cross between the green Celery Utah and the Golden Self Blanching. Early, easy blanching. Plants 24 inches tall. Edible stem 10 1/2 inches. Rounded thick stems; fairly good heart. Quality good. Resistant to fusarium yellows. Pkg. 20c; 1/4 oz. 75c; oz. \$2.25

Giant Pascal. Also called Winter King. A very popular standard winter variety with Celery growers and backyard gardeners especially in the New England states and in Pennsylvania. The plants are large, upright, heavy. Stalks tall, thick, solid and stringless. Has a very delightful rich nutty flavor, tender and crisp. Keeps well over winter. A green Celery. Pkg. 15c; 1/4 oz. 40c; oz. \$1.25

Golden Plume. A special, early blanching strain of the very highest type. Large stalks, with a full golden yellow heart. The stalks blanch easily, are crisp and brittle, and remain in good condition for several days after digging. Extra fine for home gardens and market. Pkg. 15c; 1/4 oz. 45c; oz. \$1.35

Golden Self-Blanching. This is a splendid kind for your own home garden. It is late; dwarf growing, and easily blanched. The stalks are excellent, tender, and free from stringiness. Pkg. 15c; 1/4 oz. 45c; oz. \$1.35



This is the kind of Golden Plume Celery that the commercial Celery grower gets from our Special Strain of Golden Plume.

are thick, solid, crisp, and brittle. The quality is excellent. Grow this kind for fall and early winter use.

Summer Pascal. An early green kind of superb quality. The stems are long, thick and extremely tender. Green Celery has a rich, full flavor that is unsurpassed. The plant grows medium high and the large full heart blanches to a pure white. Pkg. 20c; 1/4 oz. 65c; oz. \$2.00

Utah or Salt Lake. Not only of very high quality, but this green-leaved Celery is a splendid keeper and we recommend it for winter storage. The stalks and heart are large and easily blanch a pure white. They are crisp, brittle and a wonderful flavor. Pkg. 20c; 1/4 oz. 65c; oz. \$2.00

Resistant Golden Plume. Highly resistant to Fusarium Yellows. Early maturing and easy blanching Celery of very high quality. Edible part of the stems are about 8 inches long, thick, crisp and tender. The heart is uniformly large and full. For growers with soil infected with the Yellows Disease this new Celery will prove very popular. Pkg. 20c; 1/4 oz. 65c; oz. \$2.00

FROM VICK'S ILLUSTRATED MAGAZINE, APRIL, 1882

Celery Plants: I find that when I sow Celery seed in the hotbed, I can have far better plants by transplanting twice before final setting. The roots are more numerous, the plants stocky, and they lift with a ball of earth. I am very careful to have a bed of rich mellow soil.—S. C. W.

If you grow Celery for market write to us for our Growers Seed Catalog. It is strictly a book for the commercial vegetable grower. It lists seeds in large quantities. Our seed is as good as can be grown. You can depend on the quality.



Thomas Guidone of Port Byron, N. Y. and some Golden Plume Celery he grew.



James Lopez of Savannah, N. Y., showing us some Golden Plume Celery grown from our seed.

Protect Your Garden Against Rain - Wind Bugs - Frost with Hotkaps

HOTKAPS, like miniature greenhouses, keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier.

25 Hotkaps with setter \$0.70, postpaid \$0.85
100 Hotkaps with setter 2.75, postpaid 2.95
250 Hotkaps with setter 4.65, postpaid 4.95
1000 Hotkaps \$14.50. Fiberboard Setters 20c, postpaid 30c. Steel Setters \$1.95, postpaid \$2.15.

HOTENTS Are Much Larger Hotkaps

Miniature hothouses made of heavy waxed KAPS—10 1/2 x 14 1/2 x 8 1/2. Give the plant plenty of room to grow in. Protect against wind, hard rain, bugs and frost. Makes earlier and better vegetables. Postpaid to you.

25 for \$1.25; 100 for \$3.35; 250 for \$6.35



This is the type of Utah Celery we offer. Upright growth and long edible stem.



Golden Cross Bantam Sweet Corn—Good sized ears filled to tips with 14 rows of deep cream colored kernels of the very highest quality.

SWEET CORN COLLECTION

Plant these four varieties at the same time and they will supply you with delicious Sweet Corn for thirty days.

Seneca "60" **Golden Bantam**
Golden Cross Bantam **Marcross C13x6**
 One pkg. of each—will plant 200 hills—postpaid for\$0.50
 1/2 lb. of each—will plant 800 hills—postpaid for\$1.35

THE BEST SWEET CORN

Northern Grown Seed Corn Means Earlier Crops

Sweet Corn can be raised on any good, ordinary soil that is thoroughly worked. Plant five kernels to the hill, which should be about 3 feet apart each way, or plant in rows, one seed every 3 inches, covering seed with about 1 inch of soil firmly pressed down. Thin out to three plants to a hill. For succession, plant every two weeks up to July 15th. A package of seed will plant about 50 hills or about 75 feet of row. 1 lb. of seed will plant about 400 hills or 1000 feet of row.

HYBRID SWEET CORN

Hybrid Corns are crosses between an inbred strain and a standard variety or a crossing of two inbreds. To produce Hybrid Corn this must be done each year. Do not save seed from Hybrids; it will not come true the next season. Hybrid Corns are of special value to commercial growers because the ears from one planting mature at the same time. If you want Corn over a long period plant three or four kinds.

Seneca "60." Earliest of all Hybrid Corns. Ready to eat in 62 days. A new and very prolific hybrid bearing two and many times three ears to the stalk. The stalk grows about 4 feet tall and the ears are 6 inches long, slender, and filled with 8 to 10 rows of creamy yellow kernels of good quality for such an early Corn. Pkg. 20c; 1/2 lb. 45c; lb. 80c; 5 lbs. \$3.25

Golden Rocket. Ready to eat in 67 days. Long, 8-inch ears with 10 to 14 rows of deep kernels that fill it to the tip. It has splendid quality, the cream colored kernels are tender, sweet and juicy. We recommend Golden Rocket as the highest quality early Corn and feel sure it will be a welcome addition to your vegetable garden. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.75

Marcross C13x6. A wilt-resistant hybrid that is ready to eat in 70 days. The ears are 6 1/2 to 7 1/2 inches long and carry 10 to 14 rows of light yellow kernels of fair quality. Not at all a strong growing kind but popular with the commercial growers on account of its earliness and complete resistance to Stewart's disease. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.75

Carmelcross. 72 days. Large, 8-inch ears filled to the end with 12 to 16 rows of deep, sweet and tender kernels, creamy yellow in color, very attractive and of delicious flavor. The plants grow 5 1/2 feet tall, are very robust and entirely resistant to wilt. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.95

***Golden Cross Bantam.** Seed grown in New York State and recognized by Commercial Corn growers as the best strain on the market. The highest quality Hybrid Sweet Corn that we have seen. The ears are about 8 inches long, with 14 rows of cream colored kernels. Golden Cross is ready for use in about 84 days. Stalks are 4 to 5 feet high, thrifty growers, and bear 2 ears to a plant. We believe it is one of the leading yellow Sweet Corns, and recommend it to all progressive gardeners. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$3.15

Lincoln. Does not seem to be troubled by corn borer as much as other kinds. Ripens in about 85 days. All-America Bronze Medal Winner, 1941. Developed at the Connecticut Agricultural Experiment Station. Large ears about 9 inches long, unusually well covered with a tightly fitting husk. There are 12 to 16 rows of golden yellow kernels of only fair quality. The plant is strong and tall growing. This variety is popular with growers in the Hudson River Valley. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.95

Ioana. All-America Winner, 1940. A new midseason yellow Corn (67 days) that is resistant to drought and wilt. The ears are 8 inches long with 12 to 14 rows of light yellow kernels. Very heavy yielding and does particularly well on light soils as it doesn't sucker and is drought-resistant. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.95

Treat your Corn with Semesan Jr. before planting. It lets you sow the seed earlier, for it protects it from rotting in the ground, this makes a stronger plant and an increased yield. 1 1/2 ounces of Semesan Jr. treats a bushel of seeds. 1 1/2 ozs. 17c; 12 ozs. 65c

To help protect your Sweet Corn against Corn borer and Corn ear worm, dust the plants with a 5% DDT Dust, when 18 inches tall, and twice again in the following months. See page 63 of this catalog.

Standard Varieties of Sweet Corn

Often preferred by home gardeners because the ears mature over a much longer time than the Hybrid Corns do and extend the eating season.

***Golden Bantam.** (78 days.)
Hart & Vick's old-fashioned strain with 6-inch ears, 8 rows of deep kernels. The original strain that made Golden Bantam famous, is we believe, away ahead of any other; has the wonderful richness, sweetness, and tenderness that make this variety so popular. Pkg. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.75

Golden Early Market. Ready to eat in 65 days. A very early open pollinated Sweet Corn. Ears are 6 inches long, filled with 12 rows of creamy yellow kernels of fair quality. A good variety for both home and market where you want very early Corn. Pkg. 10c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$1.95

***Stowell's Evergreen.** (95 days.) The standard main-crop variety for home garden or market. Ears very large and filled to the tips. The sweet kernels are pure white. Remains fresh and edible longer than any other. Pkg. 10c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$1.95

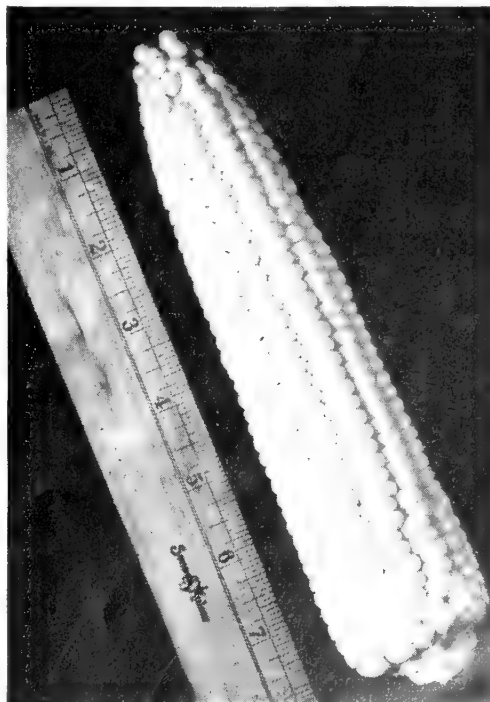
Whipple's Yellow. (78 days.) One of the best large-eared early yellow Sweet Corns that we know. It is ready for use at about the same time as Golden Bantam. The ears are long, running from 8 to 9 inches, and carry from 14 to 18 rows of deep yellow kernels, which are of extra good quality. It is a profitable sort for the market garden and no less valuable for the home garden. Pkg. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.75

HYBRID HULLESS POP CORN

Minhybrid 256. A new yellow Hybrid Pop Corn that shows a 16% larger yield and 29% greater popping volume than the old Hulless. Early and of good quality. Do not save for seed purposes as this is a hybrid. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.95

VICK'S ILLUSTRATED MAGAZINE, APRIL, 1883

I started Sweet Corn seed in a hotbed last spring, planted out early, watched and protected it, and got corn 2 weeks earlier that way.—H. H.



Golden Rocket is an early yellow Hybrid Corn. Juicy, sweet and tender.

CUCUMBERS

One package of seed will sow 25 hills; 1 ounce about 100 hills.

Cucumbers should be raised in every home garden. They can be grown to perfection with ordinary care. Plant seed when danger from frost is over, an inch deep in hills 4 to 6 feet apart each way, dropping six seeds in a hill. When second set of leaves has formed, thin to 3 plants to a hill. Cultivate thoroughly until runners make this impossible. If plants are attacked by beetles, spray with Bordeaux, arsenate of lead, or use one of the new DDT sprays or dusts. Make a second sowing of seed about 5 weeks later to furnish you with Cucumbers and pickles for preserving.

For earlier Cukes place Hotkaps over the seed after you plant it. They keep the soil moist, bugs away, protect from frost.

A and C. The most popular Cucumber in the East both with the commercial grower and the home gardener. An outstanding kind for shipping on account of its deep green color which is retained for an unusually long time after picking—a feature especially desirable for those who send their Cucumbers to market. This white-spined Cucumber grows about 10 inches long and 2 1/4 inches thick. The fruits are straight and shapely and of very high quality. Flesh is crisp and of very delicious flavor.

Pkg. 10c; oz. 40c; 1/4 lb. \$1.15

Cubit. All-America Bronze Medal for 1944. A splendid home and market garden kind, cylinder-shaped and about 8 inches long. The ends are blunt, making it an ideal slicing fruit. The skin is lustrous dark green and the flesh firm and pure white. Very vigorous and very heavy bearing. We have heard some very complimentary things said about Cubit. Many experienced gardeners like Cubit better than Marketer. Here we think Marketer is slightly better.

Pkg. 15c; oz. 40c; 1/4 lb. \$1.15

National Pickling. Anyone who likes the small sweet or sour pickles will want to grow a great patch of this new Cucumber. Likewise, if you are partial to "dills," let the Cucumbers remain on the vines until they are of the right size. The vines are thrifty and bear heavy crops. We recommend to commercial pickle growers our stock of this pickler. It will please their most critical trade.

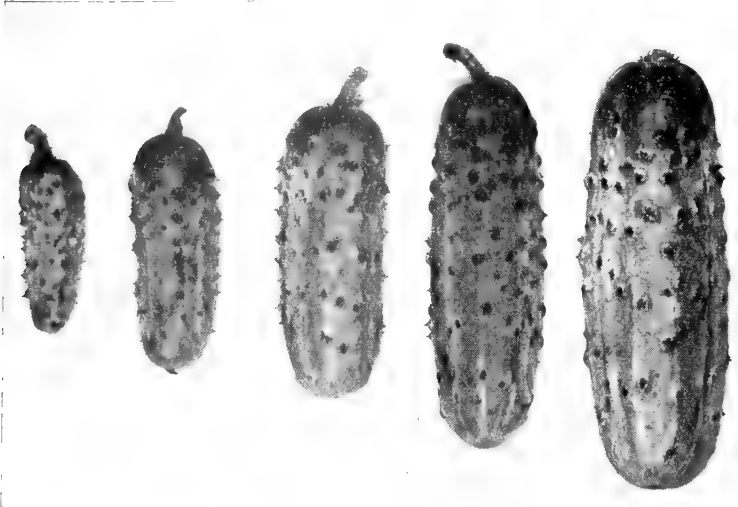
Pkg. 10c; oz. 35c; 1/4 lb. 95c

Straight-8. Very prolific. This variety has made a strong appeal to local market gardeners because of its size and appearance. The fruits are about 8 inches long and from 1 1/2 to 2 inches in diameter, with rounded ends. The skin is deep green, while the flesh is pure white, crisp and tender. A good kind to grow under glass. Few seeds.

Pkg. 15c; oz. 40c; 1/4 lb. \$1.15

Lemon Cucumber. This splendid Cucumber is nearly round, with yellow and green markings and smooth skin, similar to the lemon. The flesh is tender and crisp, with a sweetness and flavor surpassing all other Cucumbers. Fruit is from 2 to 3 inches in diameter, and of handsome appearance. For pickling, either when green or ripe, they are unexcelled. Ready for table when fruits turn yellow.

Pkg. 15c; oz. 45c



If you like small, crisp pickles and lots of them, grow National Pickling

Deltus. Originated by Adelbert Titus of Irondequoit, N. Y., and introduced by Hart & Vick. Probably the most attractive looking Cucumber in cultivation. A white spine type that grows about 10 inches long and 3 inches in diameter. Very uniform in shape and size. Smooth very dark green skin and firm white flesh that remains crisp and seedless for a very long time. The one fault with Deltus is that it is not a heavy bearer.

Pkg. 15c; oz. 45c; 1/4 lb. \$1.25

Early White Spine. Splendid kind to grow for "Dill" pickles. An early, smooth, straight Cucumber 7 inches long and 2 1/2 inches thick. Its color is dark green. Excellent for slicing when fully grown or when small for finger and dill pickles. A very productive variety.

Pkg. 10c; oz. 35c; 1/4 lb. 95c

Highmoor. An outstanding new slicing kind developed by Dr. Russell Bailey of the Maine Experiment Station. The fruit is of very high quality and thick meaty, 8 to 9 inches long, cylinder-shaped with blunt, round ends and very dark green in color. The plant is very vigorous growing and a splendid producer of good looking fruit, nearly immune to scab and resistant to mosaic and downy mildew.

Pkg. 15c; oz. 45c; 1/4 lb. \$1.35

Improved Long Green. A standard variety for slicing and largely for pickling. The vines are vigorous and productive. The Cucumbers are long, slender, dark green, with warts and spines well distributed. Popular in home and market garden.

Pkg. 10c; oz. 40c; 1/4 lb. \$1.15

Marketer. Rich dark green fruits, uniformly cylindrical in shape, slightly tapered ends and about 8 inches in length. Flesh thick, crisp, white, and of fine flavor. Vines are vigorous growing and bear unfailing big crops for a long season. This new variety is attracting the attention of commercial growers of quality Cucumbers and promises to be a most popular variety.

Pkg. 15c; oz. 40c; 1/4 lb. \$1.15

Mixed Cucumbers. Made up of the large slicing varieties and the smaller dills and picklers. Many gardeners have asked us for such a mixture as Cucumbers seem to do better when varieties are mixed in the garden and cross pollenized.

Pkg. 15c; oz. 45c; 1/4 lb. \$1.35

Cucumbers are divided into two classes. The "Black Spine" and the "White Spine." The spines being the bristles showing on the fruit when it is young. The black spined kinds turn yellow when ripe. The white spines turn white.

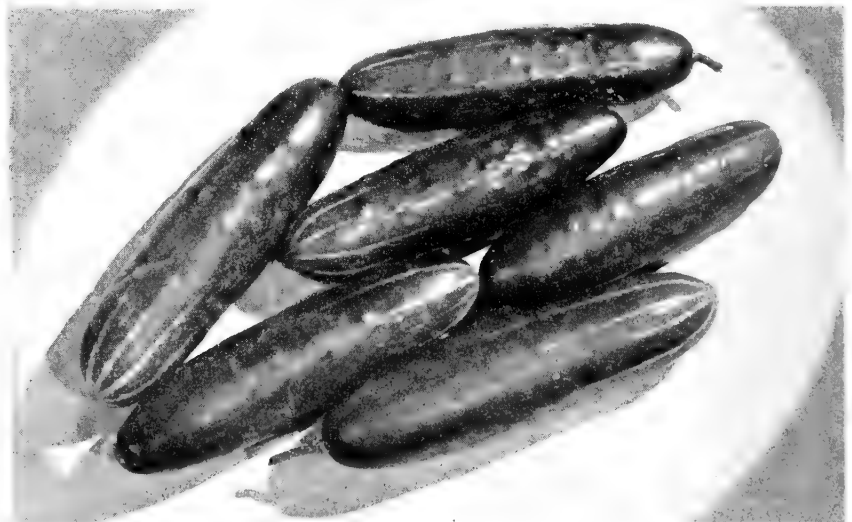
FERTILE POTS

Make Stronger Plants and Earlier Crops

Pots made of plant food and manure that hold moisture and feed the plant as it grows. Plant the seed right in the pot and set pot and all right in the ground when the time comes to plant your garden. The plant suffers no set-back from transplanting and the roots grow right through the pot

No. 2 1/2 (about 2 1/2 in. diameter). Prepaid
Carton of 12\$0.60
Carton of 50 1.85
Carton of 100 3.10
Carton of 250 5.65

No. 3 (about 3 in. diameter). Prepaid
Carton of 12\$0.75
Carton of 50 2.15
Carton of 100 3.70
Carton of 250 6.55



Marketer is one of the new Cucumbers with a very bright future

Hart & Vick's EGGPLANT

One package of seed will produce 200 plants; 1 ounce 2000 plants.

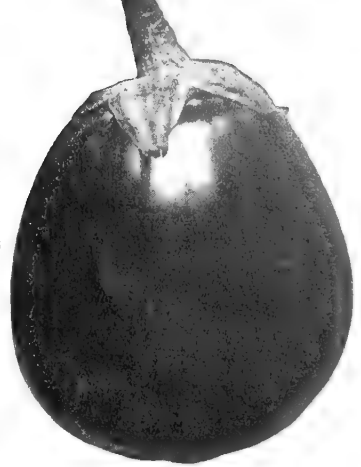
Harvest your Eggplant while the skin is still glossy. It is too old when the skin becomes dull.

Maturing days mentioned mean days from the time the plant is set out in the garden until it is ready to eat.

Start seed under glass early in March and bring plants to a good size as rapidly as possible. Transplant, when 3 inches high, singly, into 2½- to 3-inch pots. (Fertile Pots are best, see page 12.) As soon as weather is warm set out in open ground, about 2 feet apart each way. Spray or dust for beetle with arsenate of lead or one of the new DDT sprays or dusts.

Black Beauty. (73 days.) An extra early variety. The fruits are large, blunt, oval in shape, purple-black, entirely spineless, and of very high quality, weigh several pounds each and are entirely free from spines and thorns. Holds its color a long time and is a desirable market variety as well as the very best kind for the home gardens, except in very northern sections. This is a very reliable and heavy bearing variety, each plant producing several large fruits. Pkg. 15c; ½ oz. 50c; oz. 85c

New Hampshire Hybrid. (60 days.) An extra early kind that does well everywhere and is especially valuable in northern sections where the season is short. The round and oblong fruits are deep purple in color and of splendid quality. Plants are sturdy, low, compact growing and bear ten days before other kinds. Pkg. 15c; ½ oz. 55c; oz. \$1.00



Black Beauty Eggplant

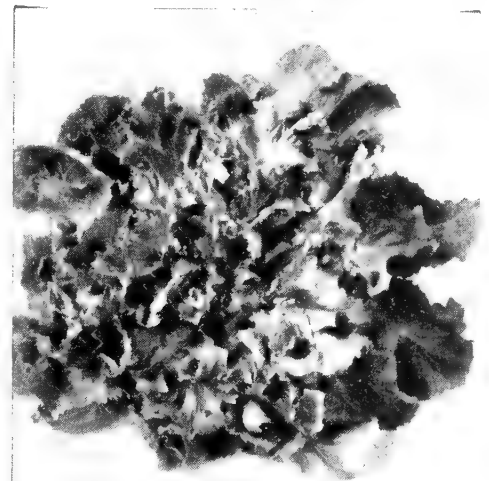
ENDIVE is Easily Grown

One of the best salads for fall and winter use, for garnishing and flavoring soups and stews. Sow in shallow drills, 15 inches apart; thin plants to 1 foot apart. For early use, sow in April; for late use, in June or July. When full grown, tie outer leaves together over center to blanch the heart. Cover fresh plants every few days for a succession. One package of seed will sow 50 feet of row; 1 ounce 300 feet.

Deep Heart Fringed. All-America Medal Winner. An entirely new type of Endive having the broad leaves of Batavian but finely fringed like Green Curled and more upright in growth than either. Easily blanched to an appetizing creamy white, crisp and tender. A splendid home garden kind. Ready in 70 days. Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.00

Full Heart Batavian (Escarolle). Broad, twisted and waved, bright deep green leaves with thick, nearly white midribs. The inner leaves form a fairly solid clustering head which blanches to a beautiful white; crisp and tender. Unsurpassed for salads. Ready in 90 days. Pkg. 10c; oz. 30c; ¼ lb. 85c

Green Curled Green Ribbed. Ready in 65 days. Rich green leaves are very finely cut giving the plants a feathery appearance. The 15-inch heads blanch easily to pure white and have a most delicious, crisp, refreshing flavor. Pkg. 10c; oz. 30c; ¼ lb. 85c



Full Heart Batavian Endive or Escarolle

Fennel

Florence (Finocchio). Grown in home and market garden, and produces a bulb at the surface of the ground of aromatic and Anise-like flavor. The stalks are eaten like Celery, raw or creamed. Sow the seed in rows 20 inches apart and thin plants to 10 inches apart; Blanch by drawing up the earth. Pkg. 15c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.25

KALE is Rich in Vitamins

Use for greens and garnishing. The tender young shoots branching from the stalks make very delicious greens or may be cut up to be eaten raw in salads and sandwiches. Hardier than Cabbage and is improved by frost. Sow the seed in the garden in early spring for large fully grown plants. Sow in July for those small tender leaves to use in the fall and winter. Sow seeds ½ inch deep in rows 2 to 3 feet apart. Thin plants to stand 12 inches apart in the row. Package of seed will sow 50 feet of row; 1 ounce 300 feet.

Dwarf Blue Curled. Bluish green foliage of unusually high quality. The plants are hardy, compact in habit, and produce an enormous amount of foliage, used both for eating and for table decoration. Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25

Siberian or Sprouts. These plants grow about 15 inches high, will spread to 3 feet or more across, and are the largest of all the Kales. Large, light bluish green leaves curled at the edges; nearly all are edible. Pkg. 10c; oz. 30c; ¼ lb. 95c



This is Dwarf Blue Curled Kale

Hart & Vick's KOHLRABI

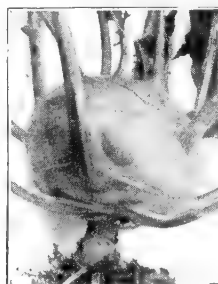
An edible bulb that grows above ground and combines the good qualities of Cabbage and Turnips. Kohlrabi is tender and delicious, and can be cooked in many ways. Sow seed early in spring, in rows 1½ feet apart, and thin to 4 inches. Make two sowings 10 days apart in the early spring, and again in July for a fall crop. Matures in 10 to 12 weeks. One package of seed will sow 40 feet of row; one ounce 300 feet.

Early White Vienna. The standard for market, table, or forcing. The flesh is white, tender, and has a greenish white skin. Pkg. 15c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.85

Early Purple Vienna. A purple-skinned, white-fleshed bulb similar to White Vienna. Pkg. 15c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.85

White Vienna Kohlrabi is a mighty good vegetable for your garden. We have some very nice things said about it from people who tried it for the past three seasons.

White Vienna Kohlrabi



DANDELION

One package of seed will sow 100 feet of row.

Improved Thick-Leaved. A splendid salad plant. This variety has large, thick leaves and is a valuable plant for "greens" in the early spring. Some prefer to tie the leaves together over the head to blanch it and then eat it like Endive. Sow seed in good loam, drills 1 foot apart; thin or transplant to 1 foot apart in rows. Ready to eat in 60 days. Pkg. 15c; ¼ oz. 35c; oz. \$1.25

Italian Dandelion. You will find this on page 8 listed under Chicory. It is a rapid growing salad plant whose Dandelion-like leaves are used as early greens. The leaves and flower shoots are very tender and have a faint Asparagus flavor. They may be cut several times during a season. Pkg. 15c; ½ oz. 45c; oz. 75c

LETTUCE

Lettuce, to be at its best, should grow rapidly. Soil should be made as rich as possible by fertilizing and thorough preparation. For main garden crop, sow seed outdoors in a warm spot in the garden, as early in spring as possible, in rows 18 inches apart. The way to raise good heads of Lettuce is to thin them out when they are 1 inch high so that they will stand 18 inches apart in the row. Fresh Lettuce can be had all season by sowing at intervals of two weeks.

One package of seed will sow 50 feet of row; one ounce about 300 feet.

BUTTERHEAD and CRISP-HEAD KINDS

Bibb. An early maturing, rather small headed Lettuce of very high quality. Outer leaves dark green, inside blanch creamy yellow; crisp, splendid flavor. Plant in the early spring. It will mature in about 57 days. Pkg. 15c; 1/2 oz. 30c; oz. 50c

Big Boston. Plants are hardy, vigorous, sure-heading and stand for a long time before seeding. The heads are large and very compact. When stripped of the outer leaves, they show creamy white, crisp, cool and tender. Pkg. 10c; oz. 30c; 1/4 lb. 95c

Cornell No. 456. Very popular with commercial Lettuce growers. Produces solid heads during periods of high temperature when Imperial No. 44 will not do so well and is also more resistant to tip-burn. A good head Lettuce to grow during July and August. Requires moisture to do its best. Pkg. 15c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.15

Early May King. The earliest of all head Lettuces, and especially good for the home garden. Heads are light green, tinged with brown; inner leaves rich golden yellow, crisp and tender. Pkg. 10c; oz. 35c; 1/4 lb. \$1.15

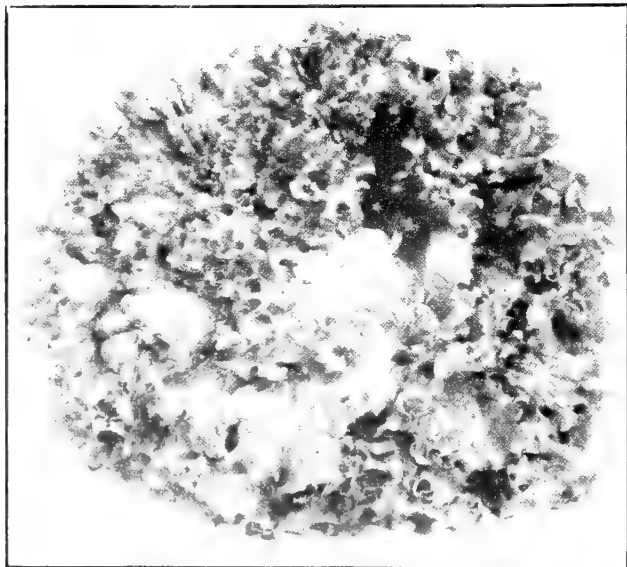
Imperial No. 44. A very popular "Iceberg" type Lettuce to grow here in the East. The heads are large, solid and very good quality. The seed is white. Pkg. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.25

Pennlake. Bronze Medal Winner, All-America 1949. Originated by Dr. M. T. Lewis, Penn State College. We have had this new Iceberg type Lettuce in trial for the past two years and it does show a lot of promise, especially on marl mucks and on upland. The heads are uniform in size, rather conical in shape, leaves fold well over the top of the head. It is slightly larger than Cornell 456 and smaller than Great Lakes. Seed is scarce. We must limit each retail customer to one package each. Pkg. 25c

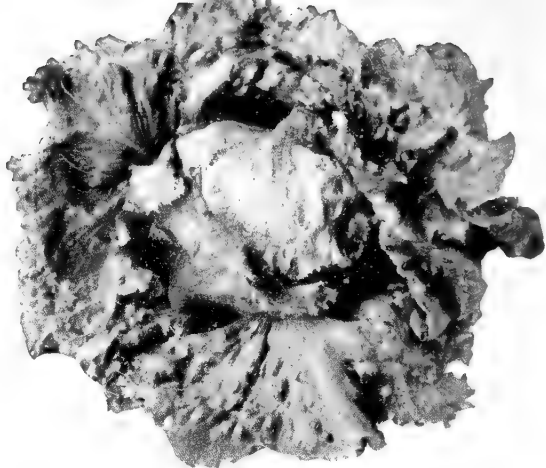
Premier Great Lakes. Bronze Medal, All-America 1949. An early and distinct strain of Great Lakes and valuable on this account. Large, dark green leaves and large, uniform and solid, slow bolting heads, weighing up to two pounds. Resistant to tip-burn and recommended for upland growing. It is the best early Iceberg type Lettuce for your garden. Pkg. 25c; 1/2 oz. 50c

Progress. A new early, dark green, thick-leaved, heavily savoyed, crisphead Lettuce, a product of selection from a cross of Imperial 44 with an unnamed hybrid seedling. As compared with Imperial 44, Progress is darker green, thicker leaved, more savoyed, more resistant to tip-burn, and a few days earlier. It does particularly well in parts of New York State and New Jersey. Pkg. 15c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.15

White Boston (Large Frame Type). A solid-headed Lettuce with a tightly folded heart that blanches to a bright creamy yellow color. Resembles Big Boston, but does not have the red tinge of that variety. We supply seed of this Lettuce to many commercial Lettuce growers. It is as fine a strain of White Boston as there is in the country. Pkg. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.25



Slobolt—A Splendid Leaf-Lettuce for the Garden



Premier Great Lakes—A New Iceberg Lettuce for Your Garden

LOOSE-LEAF KINDS

Black-Seeded Simpson. This curly, thin-leaved, loose-heading variety is one of the best for sowing outdoors where a tender leaf is desired. Leaves extremely tender, ruffled, and of an attractive light yellowish green. It retains its excellent quality a long time, a fact that makes it a profitable variety for local market shipping. Pkg. 10c; oz. 30c; 1/4 lb. 95c

Grand Rapids. Our Special Strain of larger, stronger, lighter green and extremely curled. A very popular variety with market gardeners. It is of very quick growth, hardy, little liable to rot, and stays in condition several days after being ready to cut. A loose-leaved variety with bright green, crimped leaves that will not wilt quickly after cutting. A good shipper. Desirable for garnishing. Pkg. 10c; oz. 30c; 1/4 lb. 95c

Oak Leaf. Ready in 40 days. A unique variety with rich dark green, tender leaves of unusual form. Very decorative and of high quality. Easily grown all season as it is very resistant to hot weather. We have just found this Lettuce described in Vick's illustrated Magazine for December, 1879. Pkg. 15c; 1/2 oz. 25c; oz. 45c

Prizehead. A non-heading Lettuce that is excellent for the home garden and is very easily grown. Leaves are bright green, tinged with brown, crisp, tender and sweet. Too tender to ship. Pkg. 10c; oz. 30c; 1/4 lb. 95c

Slobolt. A new leaf Lettuce that will not go to seed for a long time, even in hot summer weather, so can be used 2 to 3 weeks longer than any other kinds. The ideal leaf Lettuce for home gardeners. Leaves long, fresh green in color, ruffled and frilled edges and very tender and sweet. Pkg. 15c; 1/2 oz. 40c; oz. 75c

Cos or Romaine Lettuce

Dark Green Cos. Good sized head of rich dark green. Not as good as Trianon for the home garden. Pkg. 10c; oz. 35c; 1/4 lb. \$1.15

Trianon Self-Folding Light Green. This differs from the ordinary Lettuce in the shape of its leaves, which are spoon-shaped and very crisp. It is served in the better restaurants and hotels as "Romaine Salad." Pkg. 10c; oz. 35c; 1/4 lb. \$1.15

FROM VICK'S ILLUSTRATED MAGAZINE, JUNE, 1879

The best heads of Lettuce often run to seed and become unfit for the table. A German paper says this can be avoided by drawing a knife through one-half of the stem to which the head is attached. The sap, or as it is called in Germany, the milk, will flow and rob the head of the power to open, yet enough sap will remain to keep it fresh and growing for another week or so.

GROW YOUR OWN MUSHROOMS at home with Magic Mushroom Trays. See the first page of this book.



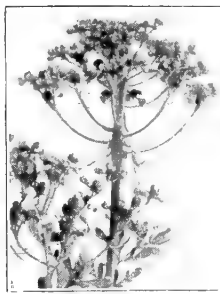
Cos



Borage



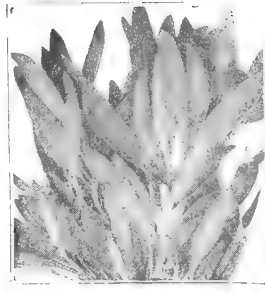
Basil



Sweet Marjoram



Mammoth Dill



Broad Leaf Sage

HERBS FOR YOUR GARDEN Sweet, Pot and Medicinal

Grow a few Herbs in your garden. You will find them useful in many ways. They do best in a rich, mellow soil. Sow seeds early in the spring, in rows 1 foot apart, and thin out or transplant when up a few inches. For winter storing, cut before they come into full blossom and hang up where they can dry.

Anise. Used for garnishing and flavoring. The seeds are used in cakes, bread, soup. Perennial. 18 inches high. Pkg. 25c

Basil. The pleasant clovelike flavor of the leaves and flowers is a delightful addition to all Tomato cookery, as well as to salads and soups. The leaves and flowers may be cut and dried for winter use. Sow the seed outdoors where the plants are to remain. Grows 18 inches tall and branches profusely. Pkg. 15c; 1/2 oz. 40c; oz. 75c

Borage. An annual used for bee-pasture and as a pot-herb. Pkg. 15c; 1/2 oz. 35c; oz. 60c

Sage, Broad Leaf. An important flavoring for meats, dressings, sausages and cheese. A perennial whose seed is sown in the spring or may be increased by cuttings or plants. Cut the leaves before the last of September, dry and store in jars for winter use. Pkg. 15c; 1/4 oz. 30c; oz. \$1.00

Dill, Long Island Mammoth. The seed heads are cut at the time the seeds begin to ripen and are used in the making of "dill" pickles. Sow seeds outdoors as early as possible 1/2 inch deep. Thin to stand 8 inches apart in the row. The leaves and flowers are used for flavoring soups and fish. Pkg. 10c; oz. 25c; 1/4 lb. 75c

Coriander. For garnishing. Pkg. 15c; 1/4 oz. 30c

Savory, Summer. Used in cooked dishes and in meats and dressings. Sow seed in poor soil, in the garden, in early spring. The aromatic qualities are more pronounced when grown in poor soil. Gather the stems and leaves in midsummer and dry for winter use. Pkg. 15c; 1/2 oz. 40c; oz. 75c

Sweet Marjoram. Used for seasoning sausages and in other dishes, when either fresh or dried. Very rapid growing, the leaves may be used 6 to 8 weeks from time of planting. This is a biennial treated as an annual that makes a bushy plant 2 feet high. Pkg. 15c; 1/4 oz. 40c

Thyme, Broad-Leaved. Well known perennial plant used for seasoning poultry and fish. Protect the plants over winter. Pkg. 25c; 1/4 oz. 65c; oz. \$1.85

Mangels and Sugar Beets

No crops are more valuable for feeding cattle and sheep than Mangels and Sugar Beets. In these past few years it is hard to find a dairyman who does not feed them. The average yield is 45 tons to the acre. They are easily harvested, not a particle of waste to them, and may be stored in pit and root cellar with little trouble. Sow 8 pounds to the acre in May or June, in drills 2 feet apart, and thin to 10 inches in the row. One ounce will sow a 100-foot row; 6 to 8 lbs. to the acre.

Giant Double Sugar Green Top. Contains more sugar than any other. Large, oval; grow half out of ground. Heavy yielder. White, red tops. Pkg. 10c; oz. 25c; 1/4 lb. 55c; lb. \$1.45

Long Red. These long giant Mangels are light red and smooth, and grow well out of the ground, making the digging easier. Splendid for feeding and keep well. Pkg. 10c; oz. 25c; 1/4 lb. 55c; lb. \$1.45

Yellow Leviathan. Large, long, thick, spindle-shaped roots; light gray tinged with brown above the ground, yellow below. Flesh of good quality and high in food value. Very easily harvested. Pkg. 10c; oz. 25c; 1/4 lb. 55c; lb. \$1.45

Mushroom Spawn

Any ordinary cellar not heated by a furnace, an old shed, under benches in the greenhouse—all are ideal places to grow Mushrooms. It is easily done and there is not great amount of work to it. Why not start a bed this year? There is always a good market for Mushrooms. We send full directions for making the bed and growing Mushrooms with every Mushroom order.

American Pure-Culture Spawn. This spawn produces large Mushrooms of splendid quality. One brick will plant 16 sq. ft. of bed surface, 50c a brick, postpaid. By express, 5 bricks \$1.65; 10 bricks \$3.00; 100 bricks \$27.50.

Okra or Gumbo

The pods are used in making soups and stews. Cut up, they give them flavor and body. Pick the pods when they are small and tender. When the ground is warm in the spring sow the seed in the garden. Thin the plants to stand about 2 feet apart. A package of seed will sow about 20 feet.

Long Pod Dwarf. A very good kind for the home garden as the plants are much more compact growing and take up less room. Very heavy bearer of 7- to 8-inch, tapered, dark green, fleshy, tender pods. Mature in 55 days. Pkg. 15c; oz. 30c; 1/4 lb. 75c

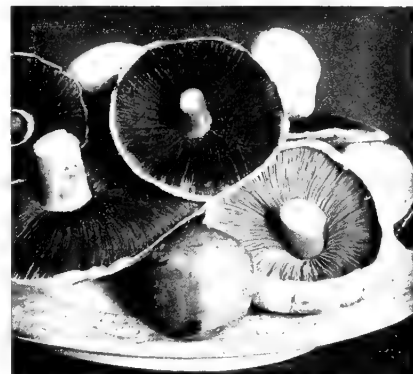
Clemson Spineless. Big, thifty plant 4 feet tall, bearing prolifically, rich green pods, straight and moderately ridged, and of very good quality. Pkg. 10c; oz. 20c; 1/4 lb. 45c

Mustard

Long Standing (Southern Curled). An early maturing bright green, broad, large, curled-leaf variety of mild and pleasing flavor. Highly nutritious and may be eaten as a salad or cooked. Sow the seed in the early spring and every 10 days until hot weather. For fall use sow seed several times in succession beginning in mid-August. Thin to stand 6 inches apart. A package of seed will sow 15 feet of row. Pkg. 10c; oz. 25c; 1/4 lb. 65c

Fordhook Fancy. A long standing variety with curled and fringed leaves of mild and pleasant flavor. Pkg. 10c; oz. 25c; 1/4 lb. 65c

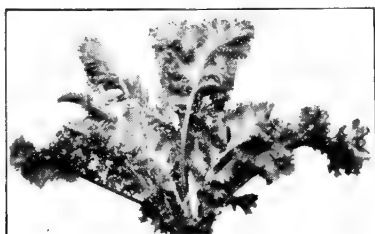
Herbs, How to Grow Them and Use Them. By Helen Noyes Webster. A practical book for those who want to create an old-fashioned herb garden and who want to know how to use the herbs they grow. \$1.65; postpaid \$1.80



Mushrooms



Long Red Mangel



Long Standing Curled Mustard



Long Pod Okra

MUSKMELONS

One package of seed will sow
15 hills; 1 ounce 80 hills;
2 to 3 pounds an acre.

Plant Muskmelon seed in a warm, sunny spot after all danger of frost is past, in hills 6 feet apart each way, placing 6 to 8 seeds in an inch of fine soil firmly pressed down; thin out to 4 plants to the hill. Cultivate frequently. When vines are 12 to 18 inches long, pinch tips to make them branch, and spray frequently with arsenate of lead or Red Arrow for striped beetle. Grown the same as Cucumbers, see page 12 for cultural directions.

Cover the hills where the seed is planted or the young plants, if you transplant them from pots, with Hotkaps. It will make earlier fruit and save the plants from bugs, hail, frost, rabbits.

Bender's Surprise. (95 days.) An orange-fleshed, deliciously sweet, highly flavored Melon; oval in shape, light green with coarse netting. A wonderful keeper and shipper. Very popular with and valuable for market gardeners. Our strain of Bender's is very fine.
Pkg. 15c; oz. 50c; 1/4 lb. \$1.45

Delicious. (85 days.) A Melon that ripens very early and is of good size and splendid quality. The flesh is firm, thick, deep orange-yellow, very sweet and delicious. We recommend this Melon for both the home and market garden. It ripens 10 days earlier than Bender's.
Pkg. 15c; oz. 50c; 1/4 lb. \$1.45

Irondequoit. A fine yellow-fleshed Melon introduced by James Vick in 1889. Vines are very productive. Melons are large, excellently shaped, distinctly ribbed and netted. The flesh is solid, very thick, with very small seed cavity, rich salmon-yellow, sweet, and of a most delicious flavor. 86 days.
Pkg. 15c; oz. 50c; 1/4 lb. \$1.45

Queen of Colorado (Pride of Wisconsin). A splendid new Melon for the home garden and for market. The salmon flesh is very thick, leaving but little seed cavity. Flavor is exceptionally good, sweet and delicious. A very good shipping variety. 86 days.
Pkg. 15c; oz. 50c; 1/4 lb. \$1.45

Before you plant your Muskmelon seed treat it with Spergon. It combats fungus, protects it from rotting in the ground, increases germination, makes stronger plants and better yields. 2 ounces will treat several pounds of seed. 1 oz. 25c; 5 ozs. \$1.00; lb. \$2.40; 5 lbs. \$10.50

WATERMELONS

1 package of seed will sow 10 hills; 2 to 3 pounds an acre.

Dixie Queen. Here is a Melon, popular in the Watermelon country in the South, but one that can be grown very successfully here in the North, as it matures in 85 days. Very large, often weighing 40 to 50 lbs., nearly round, light green striped darker green. Deep pink flesh, thick, crisp and of splendid flavor. White seeds.
Pkg. 10c; oz. 35c; 1/4 lb. 95c

Honey Cream. Best Medium-Sized Watermelon for Northern Gardens. Medium size, nearly round Melons with light green skin, striped darker green. The flesh is cream-yellow, firm and delicious in flavor. A very fine Watermelon for your garden, and one that fits the modern refrigerator. Ready to eat in 82 days from seed planting.
Pkg. 15c; oz. 50c; 1/4 lb. \$1.45

Early Kansas. A large, nearly round Melon of top quality, ready to eat in 85 days from seed planting. Flesh is bright red and thick, seeds red. Skin deep emerald-green with paler green stripes. Good for the home garden and market.
Pkg. 10c; oz. 35c; 1/4 lb. 95c

Wondermelon. (Improved Kleckley's Sweet.) Best large long Melon for the North. This variety has made a reputation for itself in the southern states, and in the past few years has been grown extensively in the North. The skin is dark green with lighter green patches; rind is very thin; flesh is deep pink with small seed cavity. Seeds are white. 85 days.
Pkg. 10c; oz. 35c; 1/4 lb. 95c

Citron for Preserves. Medium sized fruits used in preserves and pickling. Ripens in the fall and can be kept in good condition a long time. 95 days.
Pkg. 10c; oz. 25c; 1/4 lb. 75c

IN VICK'S ILLUSTRATED MAGAZINE OF MAY, 1878, WE FIND:

Gourds: A correspondent of Milford, New Hampshire, has disliked to plant Gourds, fearing they would injure his own and neighbor's Melons, Squash, and Pumpkin. The Gourds, Squashes, Melons and Pumpkins abound in pollen, and become "mixed" very readily. We have thought, however, that there is more danger to the Gourds than to the Melons, Pumpkins, and Squash. Then the seed only would be injured in case of hybridizing, and not the flavor or quality of the fruit.—JAMES VICK.



Honey Cream

Start Plants in Fertile Pots for Early Crops

Sow the seed early in the spring, in these famous manure and peat pots, and grow sturdy plants with grand root systems. There is no check in their growth when you set them out in the garden for you plant pot and all in the ground and the roots grow through the pot.

No. 2 1/2 (about 2 1/2 inches in diameter)

	Prepaid
Carton of 12	\$0.60
Carton of 50	1.85
Carton of 100	3.10
Carton of 250	5.65

No. 3 (about 3 inches in diameter)

	Prepaid
Carton of 12	\$0.75
Carton of 50	2.15
Carton of 100	3.75
Carton of 250	6.55

Delicious Muskmelon

ONIONS FROM PLANTS-SEEDS-SETS

FROM PLANTS

Grow Giant Sweet Spanish Onions in Your Garden

Large Spanish Onions, mild, sweet and solid, are easily grown in ordinary garden soil from these Yellow Sweet Spanish Onion plants. Set them out 4 inches apart in rows 15 inches apart. Fertilize and water well.

Bundle of about 100 plants 50c; 2 bundles 90c; 5 bundles \$1.75; 10 bundles \$3.00, prepaid to you.

Please remember we do not guarantee the number of plants per bundle, and all orders are taken with this understanding. We sell by the bundle, not by number of plants.

Write for prices in larger quantities. Order now. We start shipping about the 15th of April and continue until the last of May.



Here is the way the plants come to you, tied in a bundle of about 100 plants. Trim an inch or two off the tops and set them out 2 inches deep and 4 inches apart.

In the fall you harvest these large and mild Sweet Spanish Onions.

Cool, dry storage, such as an attic, where the temperature is never high, and still never freezes, can be used for Onions. These store best in a dry place at temperature of 32 to 36 degrees.

Mild, Sweet and Tender
Sweet Spanish Onions



FROM SEED

As early in the spring as possible, sow the seed in rich soil in rows 10 to 15 inches apart, covering one-half inch deep and firming earth well down. When plants are well started, cultivate and weed. Thin to 3 inches apart in the rows as spring Onions are required for the table. When bulbs are full grown bend over the tops to hurry ripening before harvesting. Store in a cool frost-proof place.

One package of seed will sow 25 feet of row; 1 ounce 200 feet; 4 to 5 pounds an acre.

Danvers Yellow Globe. A main-crop yellow Onion for the home and market garden. It is fairly large in size, uniformly globe-shaped, with small neck, and ripens very evenly. Skin is rich coppery yellow. The creamy white flesh is crisp, mild, and excellently flavored. Keeps especially well and is excellent for shipping.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75

Early Yellow Globe. Early, large, globe-shaped, and good color. Flesh pure white, very mild in flavor, sweet, juicy. The bulbs keep well, and are very popular with commercial Onion growers in New York State.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75

Ebenezer or Japanese Onion. Yellow skin; white, crisp, tender, mild flesh. Bulbs flat; good keeper.

Pkg. 10c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.50

Brigham Yellow Globe. Also called "Michigan Onion." We have given much attention to this Onion, and find it a great yielder and fine keeper. The bulbs are large, heavy, slightly deeper than broad. Skin is rich orange-yellow; the flesh snowy white, firm and mild in flavor. Brigham Yellow Globe is valuable for both home and market gardeners.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75

Prizetaker. A Giant in Size, Delightfully Mild in Flavor. The largest of all Onions—often 15 to 18 inches in circumference. A very desirable fall and early winter variety, often offered on the fruit stands as Spanish Onions. Skin is thin, bright straw-yellow; flesh pure white, crisp, mild, and sweet. One of the finest of the table Onions. Give them plenty of room for they require 4 to 5 inches space on account of size.

Pkg. 15c; 1/2 oz. 40c; oz. 70c; 1/4 lb. \$2.35

Southport White Globe. Flesh is white, remarkably firm and solid. Very attractive when cooked.

Pkg. 15c; 1/2 oz. 40c; oz. 70c; 1/4 lb. \$2.35

Southport Red Globe. One of the handsomest and most richly colored of all red Onions; very large and uniformly globe-shaped. Skin is smooth; flesh white, with tinge of purple. An excellent keeper.

Pkg. 10c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$2.00

Yellow Sweet Spanish. (Utah Strain). This very large Onion runs about 4 inches in diameter, is heavy, of true globe shape, with a golden colored skin and pure white flesh of mild, sweet flavor. This variety requires a longer season to mature than other kinds. Its popularity as a commercial Onion is growing very rapidly. Give plenty of room to develop.

Pkg. 15c; 1/2 oz. 40c; oz. 70c; 1/4 lb. \$2.35

Hardy Bunching. A splendid kind to sow for "scallions" or green Onions. Seed sown in the spring produces in the early fall, long, smooth, white, mild Onions in clusters of from four to five to a single plant. Seed sown in July or early August will produce "scallions" or mild "green onions" very early the next spring. Protect in severe climates with a mulch of straw or leaves.

Pkg. 15c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$2.00

White Portugal. If you like mild, tender, crisp, snow-white spring Onions, that you can pull early in the spring, or those small white Onions for pickling, this is a mighty good kind to plant. Also used for growing sets.

Pkg. 15c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$2.15

If you grow Onions for market, either on muck or on upland, write us about it and ask for our Grower's Catalog. We are Onion Seed Specialists.

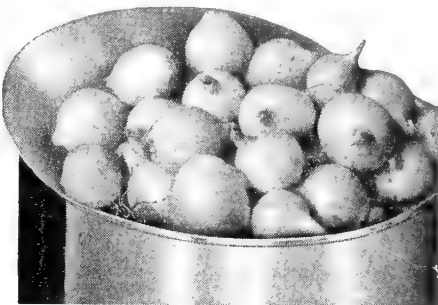
FROM SETS

This is an easy way to grow very early "Green Spring Onions" and the mature large Onions for summer, fall and winter table use. Put these sets out early in the spring 2 inches apart in the row, cover 1 inch deep.

Ebenezer Yellow Sets. Make splendid, tender "Spring Onions" and large, flat winter keeping Onions of very high quality.

Silverskin White Sets. Tender green Onions or large white-skinned fall Onions.

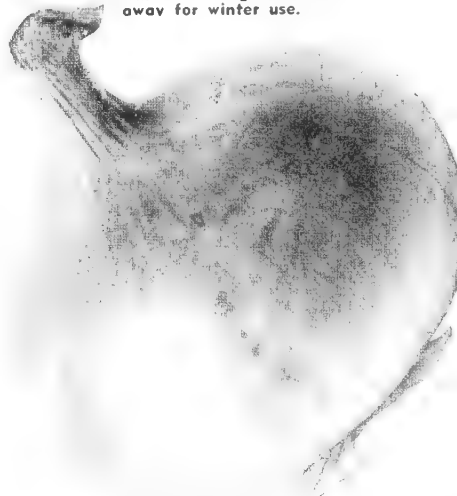
Prices of All Sets Postpaid to You:
Lb. 45c; 2 lbs. 80c; 5 lbs. \$1.75; 10 lbs. \$3.25



PLANT THESE SETS EARLY IN THE SPRING. Then if you like "Green Spring Onions," mild and tender, you pull them when they are like this.



Or you may thin them out to stand 4 inches apart and leave them in the ground where they will make large Onions to store away for winter use.





Hart & Vick's Hollow Crown Parsnips—Standard for Both Home Garden and for Market

HART & VICK'S PARSLEY

Used for garnishing and seasoning soups and stews. Sow seed early in spring, in rows a foot apart, covering one-half inch deep with the soil pressed down; thin plants to 8 inches apart in the row. The seed is slow in germinating. Frequent cutting of the leaves will greatly improve the new growth. One package of seed will sow 35 feet of row; 1 ounce, 200 feet.

Champion Moss Curled. A vigorous sort with dark green, finely cut, curled leaves. Good for home and market garden.

Pkg. 10c; oz. 30c; ¼ lb. 85c

Turnip-Rooted or Hamburg. The roots, which are the edible part, are used for flavoring soups and stews. They resemble a small Parsnip, in both color and shape. The roots are not affected by frost and can be left in the ground all winter.

Pkg. 10c; oz. 30c; ¼ lb. 85c

Plain-Leaved Parsley. Smooth, dark green leaves known as Italian Parsley and used for flavoring.

Pkg. 10c; oz. 30c; ¼ lb. 85c

Paramount. Award of Merit, All-America Seed Selections. A rich dark green, triple curled variety, very uniform in habit of growth. Stem 5 inches long, leaves triangular, 7 inches long, 4 inches across base. A great home garden and market Parsley.

Pkg. 15c; oz. 40c; ¼ lb. \$1.00

HART & VICK'S PEPPERS

Peppers are used largely for seasoning meat and vegetable dishes, as well as for salads and mangoes; also used for making chow-chow and chili sauce. Culture same as for eggplant. Sow seed early in hotbed; transplant when danger of frost is over, into rows about 2 ft. apart, plants 2 ft. apart in the rows. One package of seed will produce 150 plants; 1 ounce, 1200 plants. All red Peppers are green before they are ripe and turn red or scarlet.

SWEET PEPPERS

***California Wonder.** The fruit is very large, heavy, and of splendid quality. A medium-early kind. We recommend Early Wonder or Calwonder in place of this kind, for northern gardens. Matures in 72 days.

Pkg. 15c; ½ oz. 45c; oz. 85c

Calwonder. Ready to use in 63 days. Large fruits 4½ inches long and 4 inches thick, with thick, sweet meat that is very mild. Skin is smooth, dark green and very attractive. Plants are low and bushy, and set very heavy crops.

Pkg. 15c; ½ oz. 45c; oz. 85c

***Early Wonder.** Are earlier than California Wonder. Medium to large, blocky fruit with very thick, meaty walls. Starts bearing early and continues over a long season. 63 days.

Pkg. 15c; ½ oz. 45c; oz. 85c

King of the North. Large, dark green fruit, turning a rich red when ripe. The flesh is thick, mild and sweet. Plants are vigorous growing and heavy bearers. A splendid kind both for home garden and for market. 65 days.

Pkg. 15c; ½ oz. 45c; oz. 85c

Oshkosh. Bright yellow when ripe. The fruits are about 4 inches long and 3½ inches in diameter, and are very mild and sweet. Especially favored when "stuffed." You can use this kind either when green or when they turn yellow when ripe. Pkg. 15c; ½ oz. 45c; oz. 85c

HOT PEPPERS

Giant Cayenne. One of the best hot Peppers. The fruit is 3 inches long and 1 inch through, being much larger than the old Cayenne Pepper, and the fruit is cruelly pungent. Ripens very early, wonderfully prolific. 70 days.

Pkg. 15c; ½ oz. 45c; oz. 85c

Hungarian Wax. (Large type strain.) An early, very productive Hot Pepper that grows about 8 inches long and 1½ inches thick at the crown. Flesh is fairly thick and very hot and pungent. Skin dark green, turning bright yellow then red when ripe.

Pkg. 15c; ½ oz. 45c; oz. 85c

Large Bell or Bullnose. A large, bright crimson Pepper with thick, hot flesh of excellent quality. It is early and ripens uniformly. 55 days.

Pkg. 15c; ½ oz. 45c; oz. 85c

Hot Portugal. Large, long, pointed Peppers, many times more than 6 inches in length and 2 inches through. A bright red color when ripe, the thick flesh is fiery hot. The plant is strong and upright in growth, holding the fruit well up from the ground and a most dependable producer of very big crops.

Pkg. 15c; ½ oz. 45c; oz. 95c

PARSNIPS

Parsnips do best in rich, deep soil. Sow early in drills 2 feet apart; cover one-half inch deep and press soil firmly. Thin to 4 inches apart in the rows. Cultivate freely. The quality is improved by leaving them in the ground over winter, as they are perfectly hardy, or they may be stored for winter use. One package of seed will sow 25 feet of row; 1 ounce, 150 feet.

Hart & Vick's Hollow Crown. Standard for home or market garden. Long, smooth, white, tender, and sugary.

Pkg. 10c; oz. 25c; ¼ lb. 75c

Model. Remarkably smooth white Parsnip, free from side shoots. Medium length and good quality.

Pkg. 15c; oz. 35c; ¼ lb. 95c

Use Vermiculite to grow your plants in. It's light, clean and sterile, no fungous diseases, no damping off. It will grow strong plants with splendid roots. See page 61.



Paramount Parsley

Dry Parsley leaves and keep them in a fruit jar. Use them for flavoring soups and stews during the winter.

SUNFLOWER

Mammoth Russian. Grows immense heads often 18 to 20 inches in diameter and produces more seed than any other variety. Stalks grow 10 feet high. Seed is striped, plump with a thin shell. A valuable food for chickens and parrots.

Pkg., 10c; ½ lb. 25c; lb. 45c; 5 lbs. \$1.85

Calwonder, Large Thick Meaty Fruits in 63 Days



GARDEN PEAS

From our own experience and from results obtained in the gardens of our customers, we offer you these ten kinds of Peas for both the home and the market garden.

Sow the seed just as early in the spring as possible for the best growing time is in cool weather. Plant the seed of early, medium season and late Peas at the same time rather than three successive plantings of one kind. Sow the seed 2 inches apart, 2 inches deep, in rows 2 feet apart. Treat the seed with Nitragin. It helps make greater yields. A package of seed sows a row about 30 feet long; 1 pound 300 feet. One pint weighs 1 pound.

★ The star before the variety name indicates that it is a good kind to freeze for food locker storage.

DWARF TELEPHONE OR DAISY The Very Best Late Dwarf Pea

72 days. A second-early wrinkled sort, bearing numbers of pods well filled with extra large, finely flavored Peas. Considered by some of the older gardeners to be one of the best midseason green wrinkled Peas. A wilt-resistant variety. Pkg. 10c; 1/2 lb. 30c; lb. 60c; 5 lbs. \$2.25

★FREEZONIAN All-America Bronze Medal Winner for 1948

62 days. A new early kind that freezes particularly well. The blunt 3- to 3 1/2-inch, very dark green pods are borne in abundance on very thrifty vines that grow 30 inches tall. Mature at the same time as the old favorite, Thomas Laxton, but is a better Pea in many ways. Pkg. 10c; 1/2 lb. 35c; lb. 60c; 5 lbs. \$2.35

★LITTLE MARVEL More Pods to the Plant Than Any Other Kind

63 days. An excellent early, dwarf, wrinkled Pea for market and home garden. It produces more small pods of medium to small Peas to the vine than any other variety, and they are of very fine quality. Height 18 inches. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.25

★MID-SEASON GIANT A Large-Podded Pea That is Excellent for Freezing

Ready in 75 days. Very sturdy vine, 2 to 2 1/2 feet tall. Bears dependably dark green, pointed pods about 5 inches long, containing 8 or 9 large, plump Peas of good quality. Vine wilt-resistant. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.25

★MORSE'S PROGRESS Larger and Stronger Growing Than Laxton's Progress. Splendid Variety

Matures in 60 days. A new variety suited to both the home garden and to market where a large-podded, low-growing, early bearing variety is wanted. The 4 1/2-inch pods are very dark green in color and are uniformly well filled with large, plump Peas of splendid quality. Resistant to Fusarium Wilt. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.25

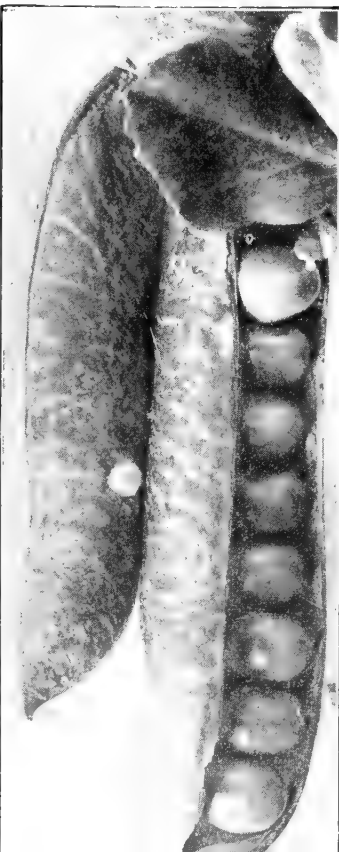
★TELEPHONE, DARK GREEN-PODDED (Alderman)

72 days. The standard main-crop variety that has held its popularity for nearly 40 years, and is a favorite with market gardeners both at home and abroad. The vines grow about 5 feet high and crop is ready for use in 72 days. The pods are extremely large, attractive bright green, and filled from end to end with large, tender Peas which are sweet flavored and of excellent quality. A wilt-resistant variety. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.25

THOMAS LAXTON Old Favorite Extra Early Kind for Your Garden

62 days. One of the leading standard and reliable extra early Peas, especially adapted to home growing and the market gardener. The vine is a strong grower and produces great quantities of large pods which are well filled with big, dark green Peas of superior quality. The pods resemble those of Gradus but are not so sharply pointed. Vine grows about 4 feet high. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.25

Morse's Progress Peas—large pods, top quality, ready to eat in 60 days.



WANDO Will Bear a Crop of Peas During Hot Weather

68 days. You can sow seed of Wando right through the month of June and the plants will bear crops of Peas even in the hottest weather. The vines grow 30 inches tall, are very thrifty but certainly don't require trellising. The dark green pods are of medium size, blunt ended and filled with 7 to 8 Peas of excellent quality. Give this new Pea a place in your garden this year. You can pick fresh Peas from the garden right through the summer. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.50

WORLD'S RECORD

Earliest Sweet, Wrinkled, Large-Podded Pea
Ready to eat in 58 days. A splendid kind both for home garden and for market. Plant grows 24 inches high, bearing a big crop of long, 3 1/2-inch, dark green pods filled with large, tender and very sweet Peas. A wilt-resistant variety. Pkg. 10c; 1/2 lb. 35c; lb. 60c; 5 lbs. \$2.35

All-Season Pea Collection

These four splendid kinds planted as soon as the ground is warm will provide you with delicious quality Peas during the entire Pea season.

WORLD'S RECORD. Early.

FREEZONIAN. Second early.

VICTORY FREEZER. Midseason.

MIDSEASON GIANT. Late.

COLLECTION OFFER: 1/2 pound of each kind, four 1/2-lb. pkgs. for \$1.15. One pound of each kind, four 1-lb. pkgs. for \$2.00. Postpaid to you.

Ready-to-Use Containers for Frozen Peas

A carton made from strong, sterile paperboard, coated inside and out with a thermoplastic compound, providing moisture-vapor protection. Requires no auxiliary wraps or tags to insure complete protection.

1-Pint Size—Case of 25\$1.00
1-Quart Size—Case of 25 1.25
Postpaid for an additional 15c per case.



Victory Freezer—A New Pea for Freezing

VICTORY FREEZER

All-America Bronze Medal for 1948. A splendid new Pea for the garden and for freezing. Ready to pick in 67 days just after Little Marvel and before the tall and low growing Telephone Peas are ready. The strong 28-inch plants don't require support and bear dependably heavy crops of tender Peas of unusually fine flavor. This variety has been bred for its freezing qualities. It is one of the very best for this purpose. Pkg. 10c; 1/2 lb. 35c; lb. 60c; 5 lbs. \$2.35

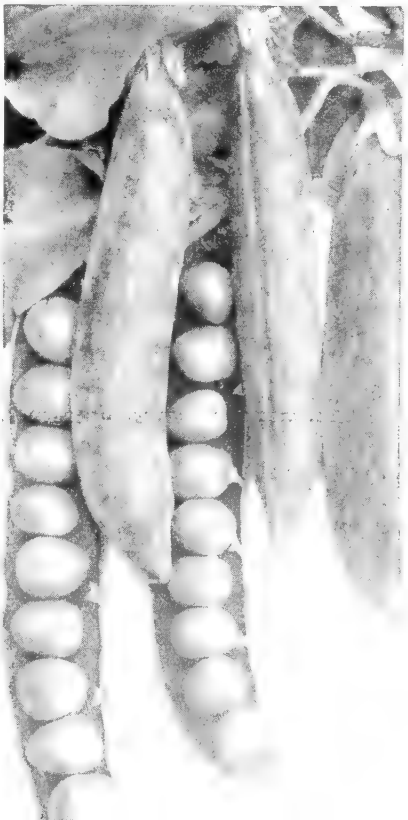
EDIBLE-PODDED PEAS

MELTING SUGAR. The most popular kind. Vines grow 5 feet high and are very productive. Peas are fleshy, tender, broad and blunt-ended, sweet and delicious. Pick the pods when young and cook like snap Beans. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.50

Plant your garden Peas early, just as soon as you can get into the ground. If very cold weather comes after they are in the ground, cover them with a mulch of straw or leaves to keep the ground from freezing.

Dust Garden Pea seed with Nitragin. It greatly increases the yield. A 15-cent package treats several pounds of seed.

Midseason Giant—a very popular variety



Plant CERTIFIED SEED POTATOES IN Your GARDEN

Always plant seed potatoes that have been certified, generally by a representative of the State Department of Agriculture, to be free from disease, that greatly reduces both the yield and quality of the Potatoes produced. The eyes in the Potato make the plant. Cut the tubers into pieces lengthwise of the Potato containing one to two eyes. Plant 15 inches apart in rows 32 inches apart, covering 3 inches deep. Nobby Potatoes result from continued growth of the vines under moist conditions late in the season. This is known as second growth. Peck will plant 150 feet of row; 15 bushels will plant an acre.

IRISH COBBLER Most Popular Early Kind

Not a new variety but still a mighty good one. Potatoes are round, smooth, plump, have rather deep eyes. White flesh of excellent quality. Grows best on light soils and on muck.

Certified Seed.

15 lbs. \$1.25; postpaid to you for \$1.70. Bushel of 60 lbs. \$4.00; 100-lb. sack \$5.75, not prepaid.

Treat your Seed Potatoes with Semesan Bel before planting them. It controls scab, rhizoctonia and black-leg. Two ounces will take care of 7 bushels of seed; one pound 50 to 60 bushels. 2-oz. tin 35c; lb. \$1.85. See page 63.

BLISS TRIUMPH

Splendid Quality Pink Skin Kind

An early pink-skinned Potato of very excellent quality. Tubers are rather short and thick, and have very shallow eyes. A good home garden and early market kind. **Certified Seed.**

15 lbs. \$1.45; prepaid to you for \$1.85. Bushel of 60 lbs. \$4.75; 100-lb. sack \$6.75, not prepaid.

If you want us to send 15-lb. orders for potatoes to you postpaid, you must send us money to pay for the "postpaid to you" price, otherwise the potatoes will be sent to you by express.

GREEN MOUNTAIN

Midseason—High Quality

Far superior to most other Potatoes for baking. For those gardeners who want mealy Potatoes, Green Mountain cannot be equalled. The rather uniformly large tubers are oblong in shape, slightly flattened and with shallow eyes. The skin is creamy white and slightly netted. **This is the quality Potato. Certified Seed.**

15 lbs. \$1.15; prepaid to you for \$1.60. Bushel of 60 lbs. \$3.85; 100-lb. sack, \$5.50, not prepaid.

KATAHDIN Rapidly Growing In Popularity

A late variety that is successfully grown under unfavorable conditions and in a wide variety of soils. The vines are rather thrifty growers and produce glossy white, very shallow-eyed, rather thick tubers, uniformly of good size and of splendid quality. **Certified Seed.**

15 lbs. \$1.10; prepaid to you for \$1.50. Bu. of 60 lbs. \$3.75; 100-lb. sack \$5.25, not prepaid.

SEBAGO New Late Heavy Yielding Disease Resistant Kind

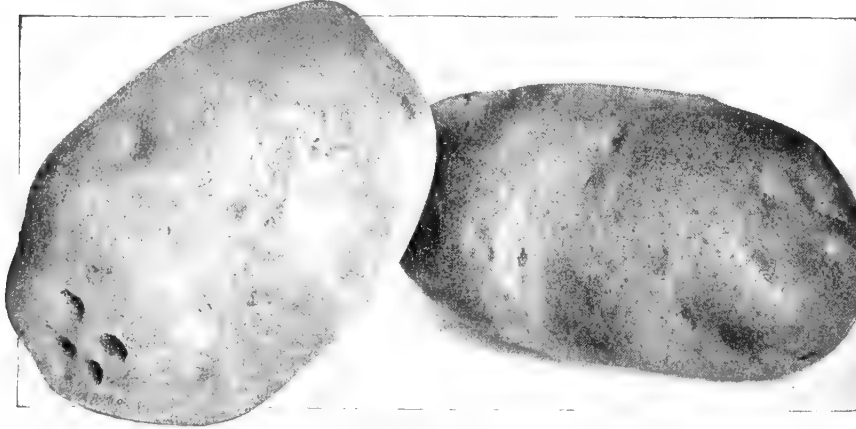
A new kind, and one of the very best we have ever grown. Medium early, uniform round size, white-skinned, shallow-eyed, blight resistant, good cropper. The meat is pleasingly white, mealy and of the highest quality. Vines are very strong growing and withstand drought, heat and disease unusually well. Sebago does well just about anywhere. From our experience with Sebago, we highly recommend it to you. Does not keep in storage as well as some other late varieties.

15 lbs. \$1.10; prepaid to you for \$1.50. Bu. of 60 lbs. \$3.75; 100-lb. sack \$5.25, not prepaid.

ONTARIO New Scab and Blight-Resistant Late Potato

One of the very best of the new varieties introduced in recent years. It is not only resistant to scab but quite resistant to late blight and "Z" disease. Ontario is not partial as to where it is grown. It will bear good crops of very smooth, shallow eyed, elongated white tubers of splendid quality almost anywhere you plant it. We recommend it highly for a late crop and storage potato. New York State Certified, U. S. No. 1.

15 lbs. \$1.15; prepaid to you for \$1.60. Bushel of 60 lbs. \$3.85; 100-lb. sack, \$5.50, not prepaid.



New Scab and Blight-Resistant Ontario Potato



Connecticut Field Pumpkin

Sweet Potatoes, Squash and Pumpkins must be cured by placing them in a temperature of 75 to 80 degrees for two weeks before putting them in storage.

PUMPKINS

One package of seed will sow 8 hills; one ounce 20 hills; 3 lbs. an acre.

Sugar or New England Pie. For making pies, this variety cannot be excelled. The Pumpkins are small, nearly round, yellow, and very smooth. Flesh light yellow, very thick and sweet, and finely flavored. A splendid kind to grow for market as it ripens early and bears heavily.

Pkg. 10c; oz. 25c; 1/4 lb. 65c

Connecticut Field. Sometimes called "Big Tom." This is the very large kind that is used for feeding cattle. It's too coarse for pies but is canned commercially.

Pkg. 10c; oz. 25c; 1/4 lb. 65c

Orange Winter Luxury. Vines productive of small, slightly oval Pumpkins, golden russet in color, with fine nettings. Flesh is golden yellow, very thick and of the finest quality. Grows about twice as large as the Sugar Pumpkin and keeps well in storage. Splendid for pies.

Pkg. 10c; oz. 25c; 1/4 lb. 65c

When digging root crops: Carrots, Turnips, Beets, etc., cut off the green tops to within a half-inch of the root as soon as it is dug. This keeps them from wilting quickly and they keep in storage better.

Do not wash the vegetables you are going to store.



Sugar or Pie Pumpkin

TOBACCO

Connecticut Seed-Leaf. A hardy cigar variety well adapted to growing in the middle and northern states.

Pkg. 10c; oz. 50c

SWEET POTATO PLANTS

You can grow Sweet Potatoes very successfully right in your own vegetable garden. Sweet Potatoes are not so particular as to the soil you plant them in but they do their best in a light, well drained, sandy loam. Here in New York State, where we have a four months growing season, we grow very good Sweet Potatoes.

We offer you well grown plants, that will be ready about May 1st, of these two good varieties.

Nancy Hall. Most popular yellow flesh variety.

Porto Rico. Orange-fleshed Yam

25 plants for 75c; 50 for \$1.25; 100 for \$2.25; 1000 for \$9.00, prepaid to you by mail or express

Complete directions for planting and care sent with every order.



RADISHES

One package of seed will sow 20 feet of row; 1 ounce 75 feet.

This is another vegetable that loses about half its flavor if not eaten within a very short time after it is taken from the ground. Radishes wilt like flowers and many other vegetables and lose their fresh crispness and juicy delicate flavor. You cannot know how really good Radishes are if you haven't gone out in the garden in the early morning and pulled a few for your breakfast.

For forcing sow in hotbed or under glass in rich sandy loam. Scatter 50 to 100 seeds to the foot, and cover with one-fourth inch of soil sifted on. Sow in garden as early as possible in rows about one foot apart, covering $\frac{1}{2}$ inch deep, and thin to prevent crowding. A good dressing of nitrate of soda will greatly help their growth and make them tender and crisp. Successive sowings every week or ten days will keep your table well supplied the entire season.

Cavalier. A new brilliant scarlet, olive-shaped Radish, very uniform in size and shape and growing more popular all the time. Quick growing and with short tops. Flesh solid, crisp, mild and pure white. The bulbs are olive in shape, very uniform and remain a long time before becoming pithy. Cavalier is a most reliable Radish for the back yard garden, for growing commercially on the muck lands and for greenhouse forcing. Repeated tests have proved that the strain of seed we are growing is at least, equal to any in this country or in Europe. Pkg. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c

Crimson Giant. Ready to eat in four or five weeks after sowing the seed. It is the best of the larger bright red Radishes, with white, crisp, tender flesh. Pkg. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c

Icicle. (Short-Top Strain.) A very attractive pure white Radish, the earliest of the long, white summer sorts, distinct in flavor, very mild and extremely tender. One of the most desirable varieties for outdoor summer planting for the home garden and market. Pkg. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c

Long Brightest Scarlet White-Tipped. One of the brightest and handsomest scarlet Radishes. The roots are fit for use in about 25 days and continue in good condition until fully grown. The roots are usually 5 inches long and an inch through at the shoulder. The body is very bright scarlet in color blending toward the tip to pure white. Pkg. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c

Sparkler. A quick growing variety of deep scarlet color, with a distinct white tip that makes it very attractive. The flesh of this Radish is pure white, crisp, tender and delicious. Pkg. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c

Comet. An early kind, ready in 25 days. Round, solid, bright scarlet. This crisp, white mild and tender Radish is unsurpassed as a home garden kind. Vick's Scarlet Globe is the best olive-shaped variety; Comet the best round Radish. We had both Comet and Vick's Early Scarlet Globe in our garden last season and both lived up to the splendid reputation they have as tops in the garden varieties. Pkg. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c



Vick's Early Scarlet Globe—Most popular Radish for the garden



Comet is a very good round Radish for your garden

Vick's Early Scarlet Globe. Our strain of this Radish for the home and market garden is very fine. It is a strain we can recommend to both market and home garden growers, for it runs very uniform. Vick's Scarlet Globe is the best all-around Radish on the market. Tops are medium long and very strong. Bulbs of our strain are uniformly true Olive-shaped, rich scarlet; flesh pure white, crisp, tender, juicy, mild. Pkg. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c

Vick's Early Scarlet Globe. Short Top Forcing Strain. A very popular Radish with commercial growers who force Radishes in their greenhouses. Oz. 30c; $\frac{1}{4}$ lb. 85c

Long Season Radish Mixture. A mixture of many kinds described here. Early, mid-season and late maturing varieties. Pull them as they get ready to eat. $\frac{1}{2}$ -oz. pkg. 20c

FALL AND WINTER RADISHES

These Radishes are not intended to be eaten like the spring sorts but should be sliced, salted down 15 minutes, drained, and then served without further dressing, when they are as tender as you could wish any Radish to be. Sow in May and then every two weeks. The October crop should be stored in sand for use in winter.

California Mammoth White. Extra large, long roots; clear white flesh of excellent quality. Most mild of the winter kinds. Ready in 60 days. Pkg. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c

Chinese Rose. 55 days. Oval-shaped, 5 to 6 inches long, $2\frac{1}{2}$ inches thick. Skin red; flesh white; good keeper. Pkg. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c

Round Black Spanish. Good specimens are almost round and measure 3 to 4 in. through. Skin black; flesh white, solid and of fine flavor. Pkg. 15c; oz. 35c; $\frac{1}{4}$ lb. \$1.00

Rhubarb Seed

Sow the seed in rows 1 foot apart and the following season transplant the strongest plants to stand 3 feet apart. A package of seed will grow about 75 plants.

Myatt's Linnaeus. A splendid early variety. The stalks are large, very thick, of rich color and tender quality. Pkg. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.25

The New Valentine Red Rhubarb. Page 25.

SALSIFY - Vegetable Oyster

One of the most desirable winter vegetables. The roots, when cooked, have a flavor similar to oysters, are very palatable and nutritious, and are served in a variety of ways. Salsify succeeds best in a light, well enriched soil. Sow early and quite deep, giving the general culture recommended for Parsnips. While the roots are hardy and may remain out-of-doors all winter, they are more accessible when dug in the fall and stored in moist sand in a cool cellar or in a root house.

A package of seed sows a 20-foot row; 1 ounce 75 feet.

Mammoth Sandwich Island. This variety is large and strong growing, with long, smooth, white, tapering roots, and is less liable to branch than the other sorts. The tops are grassy. It is valuable for market gardeners' use. Pkg. 15c; $\frac{1}{2}$ oz. 30c; oz. 55c; $\frac{1}{4}$ lb. \$1.75



Salsify



Icicle is the Most Popular Long White Radish

SPINACH

No plant makes more palatable and nutritious greens than Spinach. For spring and summer use, sow the seed in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and make successive sowings every 2 weeks up to May 15th. Thin the plants to stand 6 inches apart in the row. For fall use sow the seed in early August; for spring use sow about September 1st. Keep Spinach well cultivated and water liberally during dry weather.

One package of seed will sow 25 feet of row; 1 ounce 75 feet.

***Blight-Resistant Savoy.** 42 days. Plant this variety in the fall. We do not recommend it for spring as it goes to seed more quickly than most kinds during hot weather. This strain we offer here is almost as curled as Long Standing Bloomsdale. The savoyed and crumpled large dark green leaves of upright growth make it a splendid variety for both home and market.

Pkg. 10c; oz. 20c; 1/4 lb. 50c

Old Dominion. Blight-Resistant. A typical "long-standing" Spinach with large, dark green, thick, crumpled leaves. Seed may be sown in the spring for summer cutting, or in the late fall for an early spring crop. The fact that it is of fine quality and long standing make it extremely desirable for commercial growers and for home gardeners. Ready in 40 days.

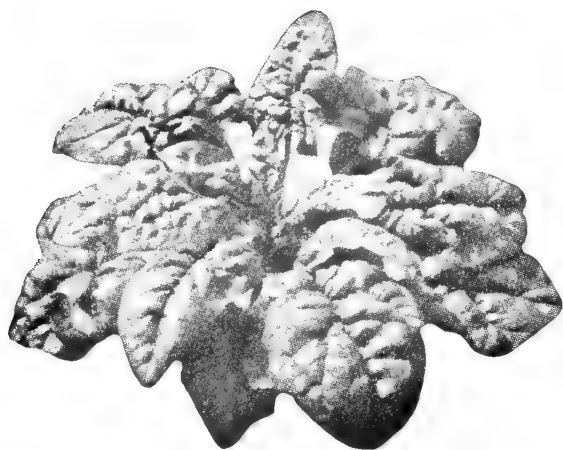
Pkg. 10c; oz. 20c; 1/4 lb. 50c

***Long-Standing Bloomsdale Savoy.** A very early variety, and one of the best and most popular to plant in the home garden and for market. It is an upright grower with thick, glossy, dark green leaves, broad and crumpled, like Savoy Cabbage. Very hardy, rapid grower, standing longer before going to seed than many other kinds. Ready in 48 days.

Pkg. 10c; oz. 20c; 1/4 lb. 50c

Viking. 45 days. Large, slightly crumpled, round, heavy dark green leaves that grow very rapidly and make exceptionally large plants very early in the season. A long-standing kind that does not bolt to seed quickly and produces Spinach of very excellent quality for a long time. This is a mighty good Spinach for the home garden as well as the commercial grower.

Pkg. 10c; oz. 20c; 1/4 lb. 50c



Special Summer Savoy Spinach

Special Summer Savoy

A Very Good Kind for Home Freezing

Large, thick, crumpled, dark green leaves held well off the ground by strong growing plants that stand longer before going to seed than other kinds. A mighty good Spinach for the home garden for it can be cut for the table for a very long time. Especially good when sown in the spring. Ready in 40 days.

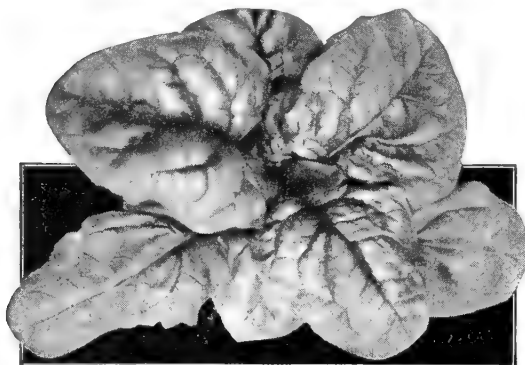
Pkg. 10c; oz. 20c; 1/4 lb. 50c

NEW ZEALAND SPINACH

The Cut-and Come-Again Spinach That Yields Continuously All Season Long

Unlike the true Spinach, it thrives during hot weather and in any soil, rich or poor. The tender shoots are of splendid quality, and may be cut throughout the entire summer. If you have never grown this great green, it will pay you to try it this season. Gardeners all over the country are loud in their praise of it. Both the rich green, fleshy leaves and the stems are of the finest quality when cooked. Plant three or four seeds in hills 2 feet apart each way. Germination of the seed can be hastened by soaking in warm water 24 hours. Ready in 70 days.

Pkg. 15c; oz. 35c



VIKING—Here is a splendid Spinach for your garden, early, large, easily cleaned leaves, tender and of very high quality.

Dust Spinach seed, before you plant it, with Arasan. It protects the seed against many organisms which cause rot, reduces damping off, and increases germination.

3/4 oz. 25c. Will treat several pounds of seed.

Did any of our readers ever hear of "Strawberry Spinach" (*Blitum capitatum*)? Vick's Magazine of August, 1887, describes it in a letter from a Dr. T. H. Hoskins of Newport, Vt., as "singularly beautiful Strawberry-like fruits borne abundantly on plants with blistered foliage, regarded as a very early and excellent sort of 'greens'." One of the few spots where it was known to thrive was Indian Point, Lake Memphremagog, in New England.

HART & VICK'S SWISS CHARD

Sow the seed when the ground is warm, in rows 18 inches apart, cover with 1/2 inch of soil. Thin to stand 10 inches apart in the row. Seed planted early in spring will produce plants from which cuttings may be made all summer. Just break off the leaves and stems as they get large enough to use and new ones will start up and make very rapid growth. A short row of Swiss Chard is generally all that the average family needs to supply its wants.

A package of seed will make a 15-foot row; 1 ounce 50 feet.

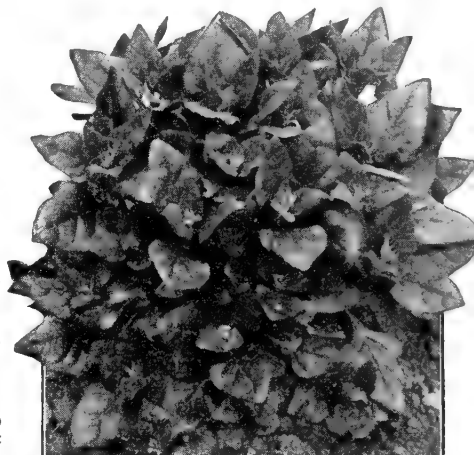
***Fordhook Giant.** Large, crumpled, thick, fleshy leaves, 10 inches wide and 24 inches long. The quality of both leaf and wide white midrib is excellent. Pkg. 10c; oz. 30c; 1/4 lb. 75c

***Giant Lucullus.** One of the older varieties which still holds its popularity. The plants are vigorous, producing great quantities of large, light green, curled leaves, with a little narrow midrib. Pkg. 10c; oz. 30c; 1/4 lb. 75c

***Ruby.** Customers of ours are very enthusiastic about this new crimson-stalked Chard that somewhat resembles Rhubarb. The heavily crumpled leaves are dark green, veined with crimson. Flavor is different, tasty and delicious. Pkg. 15c; oz. 45c; 1/4 lb. \$1.45

IN VICK'S ILLUSTRATED MAGAZINE OF MAY, 1878

A reader, Mrs. S. of Dansville, N. Y., reminds other gardeners the Swiss Chard plants can be carried over winter in the ground, if given just a little protection. This plant came to us from Switzerland and should really be hardy.



New Zealand Spinach Will Give an Abundance of "Greens" From Early Summer Until Frost



Fordhook Giant Swiss Chard

WINTER SQUASH

Sow the seed when the ground is warm and danger of frost has passed. Plant in groups that are 6 feet apart, the seeds planted 3 inches apart, 6 to the group, and 1 inch deep. Thin to 4 strong plants. Spray and dust to prevent injury from fungous disease and from insects. Seed of these winter kinds should be sown 10 days later than the summer varieties. A package of seed will make 5 hills, an ounce 15 hills.

Blue Hubbard. Most Popular on the Market. Here is a Hubbard Squash of gray-blue color whose meat is thicker, of better quality, and keeps longer than the original Hubbard. It will pay you to try it in your garden. Pkg. 15c; oz. 45c; 1/4 lb. \$1.15

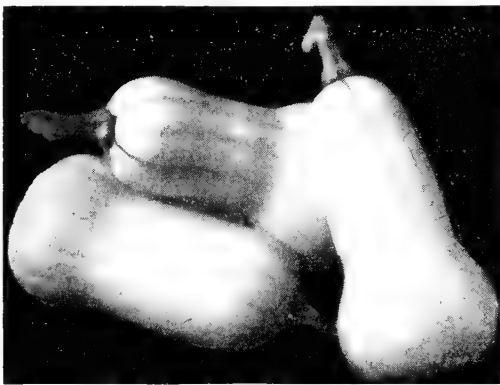
***Buttercup.** Productive—High Quality. No doubt one of the highest quality, most deliciously flavored winter Squashes. Medium small, averaging 3 to 5 pounds. Dark green with prominent "button." Flesh yellow, exceptionally thick, dry, sweet and never stringy. Don't fail to try this new Squash. It's a great favorite whenever tests are made for quality. Pkg. 15c; oz. 45c; 1/4 lb. \$1.15

Butternut. A splendid new winter Squash, whose medium size fruits are of a yellowish brown color and bottle-shaped. Outer shell is smooth and hard. Flesh is clear yellow, fine textured, dry, sweet, and of very excellent flavor. An unusually large proportion of this Squash is edible as the seed cavity is so small. Gardeners tell us that the vines are very seldom bothered by the Squash borer. Pkg. 15c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.00

Delicious. The meat is so dry and fine grained that it greatly resembles that of a good Sweet Potato. Delicious does not grow as large as Hubbard, usually weighing from 5 to 10 lbs., but is very heavy, as the orange colored flesh is so thick that there is but very little seed cavity in the center. A splendid winter keeper and one you should grow in the garden. Pkg. 15c; oz. 45c; 1/4 lb. \$1.15

***Golden Delicious.** The fruit is of medium size, weighing from 5 to 10 pounds, skin orange-yellow; the flesh thick, fine grained, dry, and of fairly good quality. Plant is strong growing and a most prolific bearer. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

Golden or Red Hubbard. Medium size, weighing from 6 to 8 pounds; in shape like the Hubbard, although in condition for use decidedly earlier. They are long keepers and can be held in good condition for spring use. The flesh is deep orange-red, dry, fine grained and richly flavored. Pkg. 15c; oz. 45c; 1/4 lb. \$1.15



Butternut—a splendid long-keeping Winter Squash for your garden

***Hubbard.** Very productive. The fruits are large, heavy and moderately warted, with a very hard shell; skin dark bronze-green; flesh bright orange-yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. Pkg. 10c; oz. 40c; 1/4 lb. \$1.00.

Royal Acorn (Mammoth Table Queen). 25% larger than the older variety. People who have tried this Squash claim its quality superior to that of any other. It is about the size of a cocoanut, 7 1/2 inches long and 6 inches through, thin-skinned, with thick meat, dry and mealy. To cook, cut in half, place a lump of butter on one half, top with the other, and then bake whole. Half a Squash serves one person. An enormous yield—a few hills will supply a good sized family. Best when allowed to mature, when the shell is hard. Keeps well all winter. Pkg. 15c; oz. 40c; 1/4 lb. \$1.00

Table Queen. (Des Moines, Queen Ann, Acorn.) The well known and very popular "individual" Squash shaped like an acorn. The fruit is about 5 inches long and 4 inches across, deeply ribbed with dark green skin and thick orange flesh that cooks deliciously dry and sweet, and is never stringy. Keeps well all winter. Pkg. 10c; oz. 35c; 1/4 lb. 90c

Warted Hubbard. Similar to the Hubbard, but with thicker flesh, deeper color and densely warted. A good variety for winter storage. Pkg. 15c; oz. 45c; 1/4 lb. \$1.10



Buttercup is a long-keeping Squash of top quality



Mammoth Table Queen

SUMMER SQUASH

These varieties of Summer Squash may be planted with the hills rather close together, about 3 or 4 feet each way, as the plants do not make runners but are of bush form. Keep the fruit closely picked as it matures and it will bear all season long. A package of seed will make 12 hills, 6 seeds to the hill; one ounce 35 hills.

Caserta. Gold Medal Winner 1949, All-America Selections. A new and greatly superior Cocozelle type of Summer Squash. Ideal for your garden for several reasons. The plant is bush type, no long runners, and you can have more plants in a small area. The fruits, often 30 to the plant, are cylindrical in shape, with very little taper. At their best eating stage when 6 to 7 inches long and 1 to 1 1/2 inches through. At maturity they will get to be 15 to 18 inches long and 5 inches through. They are very uniform in size and shape, and of an attractive fresh green color. Caserta bears a crop earlier than other Summer Squashes and will produce heavily under many conditions. Pkg. 25c; 1/2 oz. 40c; oz. 75c

Cocozelle. Italian Vegetable Marrow. The Long Type. Compact, bushy growing plants that take up little space in the garden. They bear fine crops of oblong, dark green fruits that are at their best when picked for the table when 5 inches long. This is the Vegetable Marrow so largely grown in Europe, and its fine qualities as a garden vegetable make it worthy of room in your own garden. Cook and serve same as Asparagus. Cut in small pieces and creamed, sliced and fried, or used as a salad, it is very delicious. Plant in hills in May and every 2 weeks until July. Ready in 65 days. Pkg. 15c; oz. 35c; 1/4 lb. 85c

Early Prolific Straightneck. 50 days. Bush type plants that don't spread; excellent for the home garden. The fruits are smooth, straight, of delicate creamy color when only 4 to 5 inches long, and until they are 12 to 14 inches long. Early, have crops of very high quality. Pkg. 10c; oz. 30c; 1/4 lb. 75c

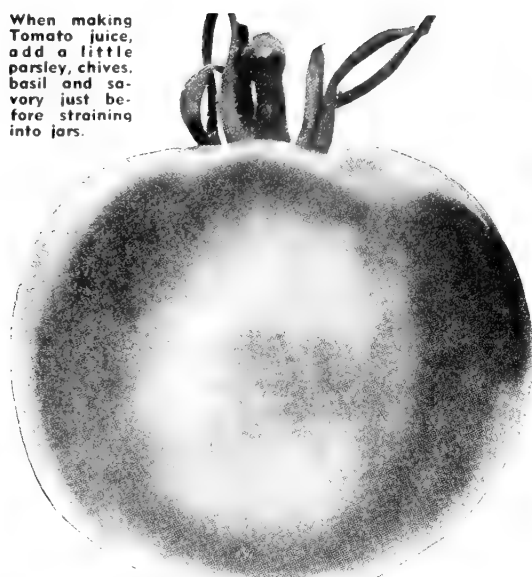
Mammoth Summer Crookneck. 50 days. The largest and one of the earliest of the crookneck summer Squashes. Vines are of bush habit, larger and more vigorous than Summer Crookneck. When mature, the fruits are often 1 1/2 to 2 feet long, with exceedingly warted surface. Its large size and attractive deep yellow color make this variety a favorite. Pkg. 10c; oz. 30c; 1/4 lb. 75c

Yankee Hybrid Squash. All-America Winner, 1941. 45 days. This new Squash showed up particularly well in our trials again last summer. It was the earliest kind and certainly a heavy bearer. The fruits are straight, light yellow in color, of splendid appearance and very high quality. A good kind for either the home garden or for market. Pkg. 15c; oz. 60c; 1/4 lb. \$1.75



Early Prolific Straightneck—an excellent Summer Squash for Your Garden

When making Tomato juice, add a little parsley, chives, basil and savory just before straining into jars.

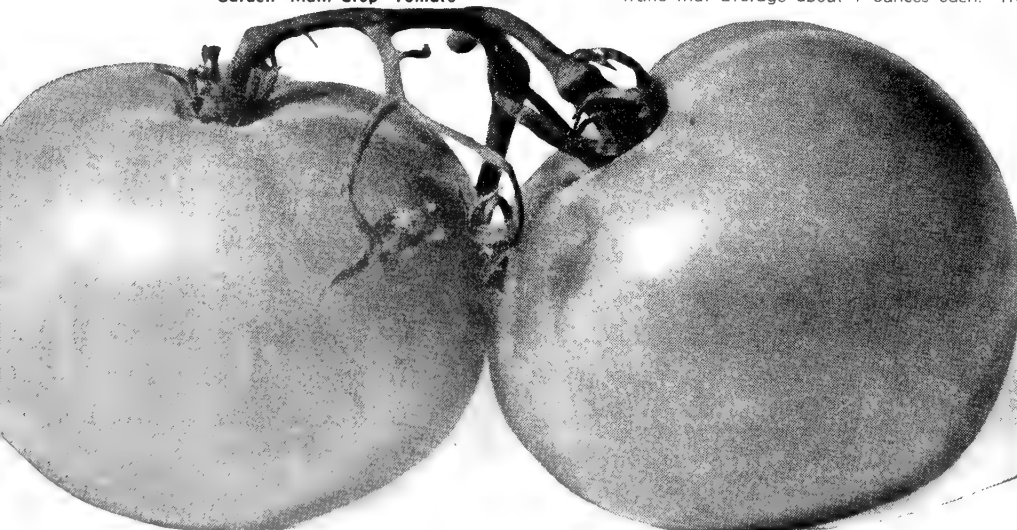


Valiant—A New, Very Early, Large, Heavy, Scarlet Tomato



Charles Curtis, a well known florist of Rochester, N. Y., grew these Valiant Tomatoes from our seed last summer. They were the best Valiants we have ever had the pleasure of looking at and they were just as good eating.

Rutgers is a Popular Home Garden Main-Crop Tomato



Hart & Vick's TOMATOES

The number of days to maturity we give are days from setting of the plants.

Sow seed in hotbeds or in boxes in a warm room; transplant when about 2 inches high into flats or single pots and place in cold frames. Transplant to the open ground about the middle of May to June 15th, setting the plants about 4 feet apart each way. Where the summers are fairly long, seed may be sown outdoors when weather gets warm. Many gardeners say they obtain better results this way. Hotkaps set over the seed and young plants makes them bear earlier and better fruit. To secure best results in earliness, amount, and perfection, train and tie two or three of the strongest branches to long stakes; pinch off weaker ones. **One package of seed will produce 200 plants; 1 ounce about 2000 plants.**

Comet. Best for tying up on stakes and for greenhouse culture. This medium sized bright red, very smooth Tomato is rapidly growing in popularity both for home garden growing and for special market trade. In the commercial Tomato growing sections near here it is almost universally used when the plants are trained or fastened to stakes. Pkg. 25c; 1/4 oz. 85c

Gem. New, Early, Heavy Bearing. This is one of the "Geneva Tomatoes" developed by Prof. W. T. Tapley of the New York State Experiment Station. The fruit is round, medium to large in size, smooth and colors up to a uniformly good, clear bright red. It's heavy, with thick walls and solid center. The quality is very good. The plant is small and compact in growth with a maximum spread of 2 1/2 to 3 1/2 feet, that permits close planting. Gem is heavy bearing and the fruit easily picked. A splendid early Tomato for the table and for canning. Gem does particularly well when heavily fertilized. **Certified Seed:** Pkg. 15c; 1/2 oz. 60c; oz. \$1.10

John Baer. Very reliable old favorite. An early scarlet-fruited variety. Fruits large, attractive in color, are nearly round, smooth, firm and of excellent quality. Vines hardy and productive. We recommend the seed of our special strain to home and market gardeners. Matures in 70 days. Pkg. 15c; 1/2 oz. 55c; oz. 95c

Jubilee. Bronze Medal Winner, All-America, 1943. By far the best yellow Tomato ever introduced. Large, smooth, globe-shaped, yellow-skinned fruit with thick, rich tangerine-orange colored solid flesh and attractive juice. Strong, healthy vines, very heavy bearing. A good Tomato for the home and market garden. 72 days. Pkg. 15c; 1/2 oz. 60c; oz. \$1.10

Longred. New and Already Very Popular Midseason, Main Crop Variety. A large, round, bright red Tomato called Longred for its unusually long bearing season and its clear bright red color. Longred will give you Tomatoes, and a lot of them, from early midseason until the vines freeze in the fall. The fruit is solid and heavy, with thick inner and outer walls. Longred has excellent quality and we recommend it to you both for eating from the plant and for canning. It is a very outstanding variety. Developed by Prof. W. T. Tapley of the New York State Experiment Station at Geneva, N. Y. **Certified Seed:** Pkg. 15c; 1/2 oz. 60c; oz. \$1.10

Marglobe. Wilt-Resistant. Certified Seed. Ripens in 75 days. Large, smooth, globe-shaped, deep scarlet fruit that ripens evenly and does not crack. Flesh is firm and meaty, of extra fine quality. The vigorous growing vines are very productive. A good garden kind in districts troubled with rust and wilt. Pkg. 15c; 1/2 oz. 55c; oz. 95c

Ponderosa. A pink main-crop Tomato. Vines vigorous and productive. The fruits are very large, averaging better than a half pound each, solid, with exceptionally few seeds, fairly smooth, and considered of good quality, especially by those who prefer a Tomato quite free from acid. Desirable for slicing. 85 days. Pkg. 15c; 1/2 oz. 60c; oz. \$1.10

Pritchard or Scarlet Topper. Good sized, globe-shaped, scarlet fruits, smooth, solid, and very heavy. An extremely productive kind admirably suited to both the home and market garden. Particularly popular just east of this city. 75 days. Pkg. 15c; 1/2 oz. 45c; oz. 85c

Rutgers. Certified Seed. Early Strain. Ripens from the inside, outwards. This means that fruit with slightly colored skin has flesh red ripe inside. This is a splendid wilt-resistant variety. Fruits are very solid, averaging about 6 ounces each. Skin smooth and fruits ripen evenly to the bloom end. Color is brilliant red. A good kind for canning and juice. 80 days. Pkg. 15c; 1/2 oz. 55c; oz. 95c

Stokesdale. Certified Seed. Heavy bearer, medium early. Maturing in 70 days. Deep globe-shaped fruit of medium size; very solid, fine quality and a very heavy bearer. Colors all over a deep red. Medium early, good quality and heavy yield. A splendid kind to can. Pkg. 15c; 1/2 oz. 45c; oz. 85c

Valiant. Certified Seed. A new early scarlet Tomato that is much smoother than Earliana, ripens over a long period of time and is a heavy producer of good quality fruits that average about 7 ounces each. The vine is spreading and vigorous, and does well in the North. Much better than Earliana which we have discontinued. Matures in 65 days. Pkg. 15c; 1/2 oz. 55c; oz. 95c

Victor. Certified Seed. All-America Bronze Medal Winner, 1941. A very early ripening kind with globe-shaped, deep scarlet, solid-fleshed fruits of good flavor. Vines are short branching and may be set fairly close together. Matures in 66 days. Pkg. 15c; 1/2 oz. 55c; oz. 95c

Small Fruited Kinds

Splendid for preserves and pickles.

Red Plum
Red Cherry
Red Pear
Yellow Plum
Yellow Cherry
Yellow Pear

Mixture of All the Above Kinds

Price of above kinds: Pkg. 15c; 1/4 oz. 35c; oz. \$1.00.

HART & VICK'S TURNIPS

Sow the seed of White Milan and the Foliage Turnip early in the spring and for succession make three sowings at two-week intervals. For fall and winter crops you can sow any variety in late July or early August. Sow the seed in rows 18 to 24 inches apart, cover with 1/2 inch of soil, thin to stand 6 inches apart in the row. Store in a cool cellar or pit.

A package of seed will sow about 65 feet of row; an ounce 300 feet.

Golden Ball or Orange Jelly. The finest creamy yellow fleshed variety for family use. The bulb is almost round, of medium size, very smooth and free from side roots. The skin pale yellow, flesh very fine in texture and of superlative quality and flavor. Ready to eat in 60 days.

Pkg. 10c; oz. 20c; 1/4 lb. 55c

Purple-Top White Globe. The most popular of the Turnips. The bulbs are nearly round, 5 to 6 inches across, creamy white with a purple-red collar. The flesh is firm, crisp and mild in flavor. Best when the bulbs are about 3 inches in diameter. The best market variety. Ready in 55 days.

Pkg. 10c; oz. 20c; 1/4 lb. 50c

Foliage Turnip (Shogoin). Grown mostly for its tops which are twice as abundant as the ordinary Turnip, and are used as "greens." They are very tender, mild and delicately flavored. The bulbs are pure white, thick, flattened globe shape and of good quality. Tops and roots may be cooked together if desired.

Pkg. 10c; oz. 20c; 1/4 lb. 55c



Purple-Top White Globe Turnip

RUTABAGA or SWEDE TURNIPS

Swede Turnip or Rutabagas take longer to mature than Turnips and the seed should be sown the latter part of June in this part of the country. Plant the rows 2 to 2 1/2 feet apart, sow seed thinly, cover with 1/2 inch of soil and thin to 8 inches apart in the row. Dust when plants are young with DDT. Store in a cool cellar or in pits. One package of seed will make a row 85 feet long.

Improved Long Island. Large, smooth, globe-shaped roots, bright yellow in color with rich purple collars and practically no "necks." Flesh fine grained, orange-yellow, sweet and finely flavored. Productive and will keep in splendid condition until spring. The leading kind for table use and for stock feeding.

Pkg. 10c; oz. 25c; 1/4 lb. 65c

Laurentian. Much preferred in Canada where they use a lot of Rutabagas. Very large globe-shaped bulbs, yellow with purple collar, small tops, neckless. Flesh creamy yellow, mild and sweet. A splendid long-keeping kind. Matures in 100 days.

Pkg. 10c; oz. 25c; 1/4 lb. 65c

Roots and Plants of Popular Vegetables

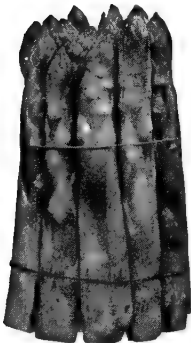
MARY WASHINGTON ASPARAGUS ROOTS

One-year-old, Freshly Dug, Expertly Grown and Carefully Graded. These are the kind we recommend for best results in your garden. The most popular rust-resistant Asparagus developed by the U. S. Dept. of Agriculture. Rapid growing and produces heavy, thick, deep green stalks with long purple tops that are tender and of the highest quality.

12 for 95c; 25 for \$1.65; 50 for \$2.75; 100 for \$4.65, postpaid to you.
250 for \$7.50; 1000 for \$28.00, not prepaid.

HORSE RADISH ROOTS

Maliner Kren. The true Bohemian Horseradish. Large white roots and very strong growing plants. We offer freshly dug sets or roots of the right size for planting. 6 roots for 50c; 12 or 90c; 50 for \$3.50, postpaid to you.



Asparagus



Horseradish

HART & VICK'S ONION SETS

The quick way to grow "Green Spring Onions" is from these sets. Get them into the ground early.

White Silverskin Sets. Pure white, long, slender, very mild and tender green Onions. Left in the ground they make excellent pickling Onions.

Yellow Ebenezer Sets. May be pulled early in the spring as "green Onions" or left in the ground to make large, flat, white-fleshed, mild-flavored Onions for fall and winter use. Good keepers.

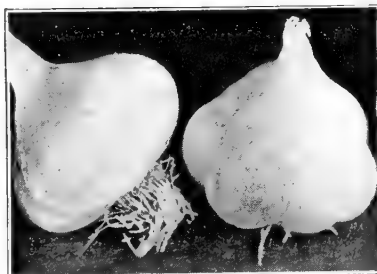
Prices: Lb. 45c; 2 lbs. 80c; 5 lbs. \$1.75; 10 lbs. \$3.25, postpaid.



Onion Sets

GARLIC BULBS

Used for flavoring soups, stews, meats and salads. Easy to grow; just separate the sets into cloves and plant these cloves 6 inches apart in rows 2 feet apart. Cover with 1 inch of soil. When the tops are down take up the bulbs and dry in a shady place for winter use. Bulbs are 1/4 lb. 30c; 1/2 lb. 45c; lb. 75c, postpaid to you.

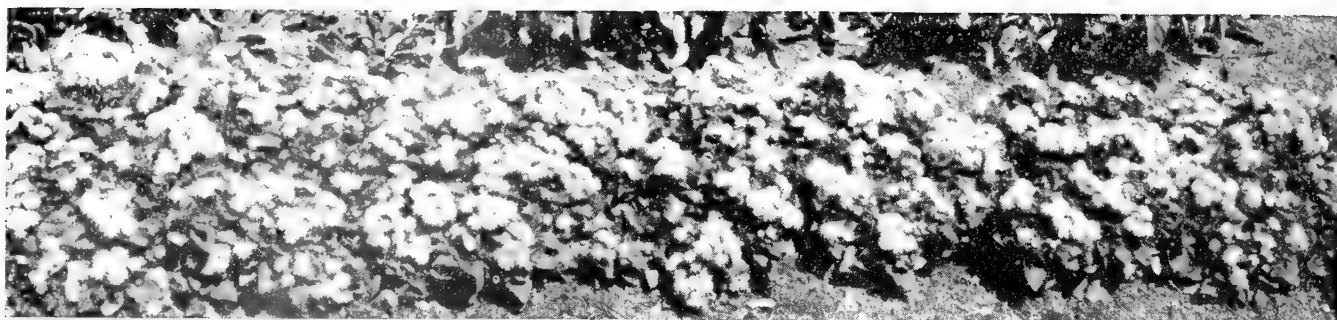


VALENTINE RHUBARB

A New All-Red Kind from Canada

Newest and best of the Red Rhubarbs. Originated at the Horticultural Station at Vineland, Ontario, Canada. Combines rich flavor, high quality and vigorous growth. Sweetest of the Rhubarbs, requires the least sugar. The Dominion Station at Morden, Manitoba, in testing 25 leading kinds, reports: "Valentine sauce was rated highest. Color was an even bright red; texture, smooth and tender. Flavor was pleasing with a slightly tart after taste. All testers accorded Valentine the highest standard." For home use, in pies and for sauce Valentine leads them all. Strong divisions, 65c each; \$1.75 for 3; \$6.25 for 12, prepaid. \$10.25 for 25; \$42.50 for 100, not prepaid.





Blue Ball is the Very Best Ageratum for Low Borders

FLOWER SEEDS

The Same Dependable Seeds of Annuals and Perennials that We Sell to the Florist

Our list of Flower Seeds does not cover every variety, but it does describe the best kinds for garden planting. We believe that a carefully selected list like this is what the amateur gardener wants. Our seed is the best that can be grown, carefully tested for quality, and with ordinary care will give splendid results. It is of the same high quality we sell the particular florists for greenhouse and outside planting.

Annuals are those that you must plant each season. Perennials are hardy, last for years, and generally bloom the next year after sowing the seed.

In this catalog Perennial and Biennial varieties are designated by CAPITAL letters.

Our regular packages of flower seeds are liberally designed to fill the needs of the average sized garden.

This year again we offer in many varieties of flower seeds a "Large Package" which contains considerably more seed than the regular package, and has been planned for the larger suburban and estate gardens.

FLOWER SEEDS ARE SENT POSTPAID

Achillea - Milfoil; Yarrow

PTARMICA, THE PEARL. Clusters of small, double, white, Pompon Chrysanthemum-like flowers. From June to September. Fine for cutting. Height 2 feet. Pkg. 20c

Acroclinium

Giant Mixture. Large double, daisy-like flowers in white, rose, flesh and buff in mixture; bright yellow centers. Splendid to dry for winter bouquets. 15 inches high. Pkg. 15c; 1/4 oz. 55c

Ageratum - Floss Flower

Tassel-like clustered flowers that bloom in profusion through summer and fall. Gay and bushy, the rain does not spoil the flowers nor the sun fade their color. Easily grown from seed, either started in a window box or hotbed and transplanted outside in May or the seed sown outdoors in May.

Blue Ball. Neat, compact, round-headed plants about 6 inches high, literally covered with large, flossy, deep ageratum-blue flowers. Pkg. 15c; large pkg. 65c

Blue Perfection. Plants almost uniform in height; flowers deep amethyst-blue. Fine for cutting. 8 inches tall. Pkg. 15c; large pkg. 65c

Anchusa - Alkanet

Blue Bird. An annual, dwarf, compact variety, that bears profusely vivid indigo-blue flowers all summer long. A splendid plant for the border or for the rock garden. Blooms April and May. Height 18 inches. Pkg. 15c; 2 pkgs. 25c

ITALICA, LISSADEL. This splendid perennial, an improved Dropmore, is becoming more popular each season as it bears a profusion of rich blue flowers in May and June, a time when blue varieties are scarce in the garden. Height about 5 feet. Pkg. 15c; 1/4 oz. 45c

MYOSOTIDIFLORA. A distinct dwarf hardy perennial species, grows 10 to 12 inches high, producing during April and May, sprays of beautiful "Forget-me-not-like" flowers of a rich blue. An excellent plant for the garden. Pkg. 25c; large pkg. 75c

Anagallis

Grandiflora, Mixed. The lovely, brilliant flowers, in charming shades of blue, lilac, scarlet, and crimson, cover the 6-inch plants from July until frost. A splendid border and rockery plant. Pkg. 15c; 1/4 oz. 45c; 1/2 oz. 75c

Amaranthus

Molten Fire. A recently introduced variety that is extremely showy. The foliage is bronze, or reddish bronze, with fiery scarlet tip. Blooms mid-summer to frost. 4 to 5 feet high. Pkg. 15c; large pkg. 50c

Arabis - Rock Cress

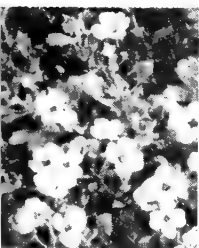
ALPINA. This splendid little perennial plant is covered with pure white flowers as soon as the snow disappears in the spring. Unequalled for rockeries and edging. Height 6 inches. Pkg. 20c; large pkg. 45c

Arctotis

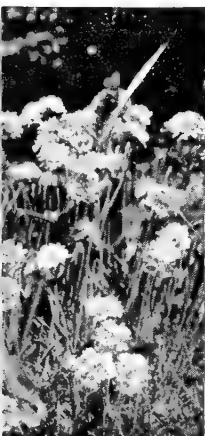
Giant Hybrids. Extremely large flowers, 2 1/2 to 3 inches across, in white, red, mauve, brown, russet, apricot and yellow. Splendid for cutting. Grow 10 inches tall. Pkg. 20c

Armeria - Sea Pink

GIANT PINK. Rose and pink flowers all summer. Hardy and useful as a border plant. Grows 1 1/2 feet. Blooms May and June. Pkg. 25c; large pkg. 75c

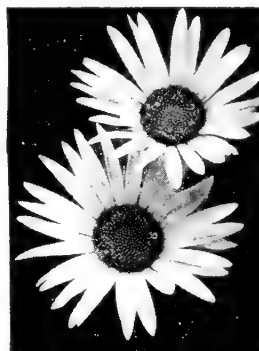


Aubretia—A Hardy Spreading Plant



Armeria is Very Hardy and Blooms All Summer

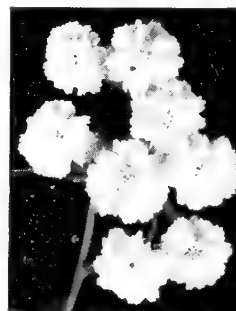
This is the Very Easily Grown and Very Showy Calliopsis



Giant Hybrid Arctotis Splendid for Cutting



Arabis Alpina—Pure White Flowers Soon After Snow Goes



Achillea Ptarmica Blooms June to Sept.

Anchusa Italica, Lissadel—Blue Flowers in May and June



HART & VICK'S FAMOUS ASTERS

In so far as possible we offer you only Wilt-Resistant Seed. This will make more robust and thrifty plants, far less susceptible to disease than the ordinary Aster Seed.

Plant your Asters in new rich soil and keep them well cultivated. Grow them in beds and borders to produce a mass effect and set them 1 foot apart each way; if you want extra-long stems for cutting, they should have 18 inches of room. Good seed produces the best flowers. Our seed is grown for us by men who have made a lifetime study of Aster-seed growing.

Heart of France Asters

The best pure red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age, and retains its remarkable beauty to the very end. The plant begins to bloom quite early in the season and opens fully with the midseason varieties. Pkg. 15c; 1/8 oz. 45c

Rochester Asters

These are the giant Asters with long, narrow petals that somewhat resemble a Chrysanthemum. Many people call them Chrysanthemum Asters. The plants grow large and strong, and bear an abundance of bloom. Rochesters make splendid cut flowers for the house. These Asters are one of our hobbies. We know this seed of ours will give you splendid results.

Bright Rose
Crimson
Purple
Lavender

Peach Blossom
Shell-Pink
Snow-White
Mixed Colors

Price, any of the above: Pkg. 15c; 1/8 oz. 50c.

Collection: One package each of the above—7 colors (7 pkgs.) for 85c, postpaid.



Rochester Asters

Imbricated Pompon Asters

Rather small, very double flowers, center petals attractively quilled and surrounded by broad outer petals. Grow 15 inches high and are splendid for cutting or use in beds. **Mixed Colors.** Pkg. 20c

Wilt-Resistant Beauty Asters

The flowers of these new Asters are mammoth in size, measuring 4 to 5 inches across, and are made up of layer upon layer of incurved petals, forming perfectly double flowers without yellow centers. Giant stems, 18 to 24 inches long, hold the flowers high above the plant.

Crimson **Pink** **Rose**
Lavender **Purple** **White**

All Beauty Asters: Pkg. 15c; 2 pkgs. 25c.

Collection: One package each of the above—6 colors for 75c.

Mixed. Pkg. 15c; 1/4 oz. 85c.

Branching Asters

This superb class of Asters still holds its popularity despite the introduction of many later novelties. The blooms are borne on long stems, making them extremely valuable for cutting. The plants frequently cover a space of 3 feet, and should be allowed ample room to develop to full size. Seed sown in pots or boxes in March or April and transplanted to outdoor beds in May or June will provide bloom in August and September. Wilt-resistant.

Crimson
Lavender
Peerless Pink
Rose

Shell-Pink
Snow-White
Purple
Mixed

Price, any of the above: Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 90c.

Collection: One package each of the above—7 colors (7 pkgs.), for 85c, postpaid to you.

Princess Asters

Princess Asters have a full crested center surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers.

Princess Anne. Delicate pink.

Princess Barbara. Orchid.

Princess Bonnie. Salmon-rose.

Princess Golden Sheaf. The deepest yellow Aster yet offered.

Price, any of the above: Pkg. 25c; large pkg. 50c.

Mixture of Princess Asters.

Pkg. 20c; large pkg. 45c

Start Your Aster Seeds
Growing in Terra-Lite.
Makes Larger, Stronger,
Better rooted Plants
Quicker. See page 61.

Queen of the Market Asters

The favorite early Aster, usually in full bloom 2 weeks before most others begin to blossom. Of graceful spreading habit. Wilt resistant.

Ballet Queen. 1948 introduction pictured in color on inside back cover. A fascinating new tint of deep salmon-rose. Flowers 3 1/2 inches across are generously borne on plants 15 to 20 inches high. Extremely wilt resistant, unsurpassed for cutting. Early flowering. Pkg. 25c

Crimson
Light Blue
Pink
Rose

Purple
White
Mixed

Price of Above:
Pkg. 15c; large pkg. 40c.

Hart & Vick's Novelty Aster Mixture

This Special Aster Mixture contains seed of every kind and color of Aster we list in this book. Its purpose is to introduce to you the entire Aster family. Reserve a spot in your garden for a trial of these Asters. It will not only be interesting and instructive to watch the growth and habits of the many different varieties, but it will give you an abundance of beautifully colored and shaped blooms.

Pkg. 15c; 1/4 oz. 75c



American Branching Aster

Wilt-Resistant Royal Asters

Similar in all respects to the Late Branching, except it blooms from 2 to 3 weeks earlier. For the home garden or for commercial purposes this Aster is unsurpassed.

Royal Mixture. Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 85c

Single Asters, Giants of California

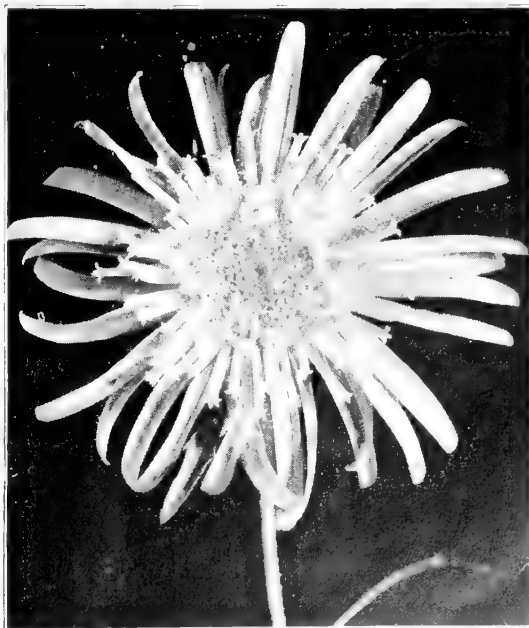
These Single-Flowering Asters, in their many splendid bright colors, offer a pleasing change from the more common double kinds. Very fine in the garden and for cut flowers. We offer them in a fine mixture of colors.

Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 90c

New Giant California Sunshine Asters

Has been called the world's most beautiful Aster, and during the past 3 or 4 years has become immensely popular. The flowers are 4 to 5 inches across, on long stems, and well adapted to decoration of various kinds.

Mixed Colors. Pkg. 15c; large pkg. 45c



California Sunshine Aster



The Giant-Flowered Snapdragon, Alaska

HART & VICK'S

Selected List of Antirrhinums or Snapdragons

These pretty, half-hardy perennials, that bloom from July until frost, belong to the aristocrats of the garden. Appearing as they do in the most pleasing shades, with the lovely flowers completely encircling the stout stems to fully 12 to 18 inches at the top, they are most useful for bedding or as cut flowers. Seed sown out-of-doors in early May will make plants that bloom from early in July until frost. For earlier flowering, start indoors in March and transplant outside when weather is favorable. Just barely cover the seed when sowing.

This list of ten varieties we have selected as the most desirable of the many varieties grown today. They are a new race of Giant Flowering Snapdragons, the largest flowering of any kind we know. A strain that will please the most critical gardeners looking for specially good things to grow

ALL THESE KINDS ARE RUST-PROOF

Alaska. Pure white.
Cherry-Red. Brightest of the reds
Copper Queen. Burnished copper
Orange Shades. Orange.
Padre. Dark crimson.

Pinkie. Lovely rose-pink
Pink Sensation. Pure pink, frilled flowers
Red Cross. Rich crimson, white tube.
Rosalie. Rich deep rose.
Yellow Jacket. Yellow.

Any of the above: Pkg. 25c; large pkg. 75c.

Collection: One package of each of the above ten kinds for \$2.15.

Mixed Colors. A splendid mixture of many colors

Pkg. 20c; large pkg. 65c

GIANT RUFFLED "TETRA-SNAPS." Superfine Mixed. Pictured in color on inside back cover. A new race of Snapdragons created scientifically by treating normal flowers with the drug Colchicine. Each plant produce several stems with larger flowers, thicker petals, attractively ruffled, fuller spikes with more florets open at one time, heavier stems and sturdier plants.

Mixed Colors Only.

Pkg. 25c; large pkg. 75c

AQUILEGIA or COLUMBINE

The modern Columbine with their long-spurred giant flowers on thrifty, strong growing 3-foot plants, are splendid both for garden display and for cutting. They flower in May and June and do best in a rich soil in semi-shade.

Long Spurred Blue Hybrids. This strain has been bred and perfected over a long period of years. Huge flowers on plants 3 to 4 feet high. Pkg. 25c; large pkg. 75c

Hart & Vick's Masterpiece. This is the best of the hybrid Columbines. Long spurred flowers in such splendid colors as lavender, orchid, blue, yellow, mauve, purple, scarlet, etc., and many two-color combinations. Pkg. 25c; large pkg. 75c

Mrs. Scott Elliott's Hybrids. Superb colors of long spurred, giant trumpet flowers in a pastel color mixture. Pkg. 20c; large pkg. 65c

Asparagus

PLUMOSUS NANUS. This is the graceful Asparagus Fern, an excellent house plant.

Pkg. 25c

SPRENGERI (Emerald Feather). One of the best plants to grow in suspended baskets, window boxes, vases, etc. Keeps growing indoors during the winter and outdoors during the Summer. Pkg. 25c

Aubrietia

CARNIVAL MIXTURE. An English strain of this very lovely creeping, hardy plant. Flowers in sheets of blue, crimson and rose-pink for a long period of time. Probably the best of all perennials for growing in crevices of dry walls and rockeries. Pkg. 25c

Double Camellia-Flowered Balsam

The Lady's Slipper of Grandmother's Day

An old garden favorite, producing its gorgeous masses of brilliant, double flowers in the greatest profusion throughout the summer. Of easy culture and succeeds in a good rich soil. Height 2 feet. Start the seed indoors in April or sow outdoors in May.

H. & V. Mixture of Goliath Balsams. A wonderful mixture of colors in tall-growing Balsams. Beautiful in the garden and as cut flowers. Pkg. 10c; 1/4 oz. 45c

Balloon Vine

(Love-in-a-Puff)

A rapid growing annual climber succeeding best in a light soil and warm situation. It has white flowers followed by seed pods that look like miniature balloons and are of great interest to children. Height about 10 feet.

Pkg. 10c; 1/4 oz. 30c

Bellis Perennis

Giant Double English Daisies easily raised from seed and bloom from early spring until midsummer. A hardy perennial, they grow 6 inches high and make splendid border plants. **Crimson Rose White All Colors Mixed**

Any of these colors: Pkg. 15c

Brachycome

(Swan River Daisy)

Iberidifolia, Mixed. A free flowering, dwarf growing annual, covered during the greater part of the summer with lovely blue and white flowers. A very pretty plant for large beds and broad borders, and excellent for pot culture. Height 1 foot. Pkg. 15c; 1/8 oz. 40c

Calliopsis - Tickseed

Showy, beautiful, free-flowering annuals of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. Sow where they are to bloom, thinning to 6 to 12 inches apart.

Tall Varieties. 2 1/2 to 3 feet. Mixed colors. Pkg. 10c; 1/4 oz. 30c

All Double. Delightfully double flowers in mixed colors. Pkg. 15c; 1/4 oz. 45c

Dwarf Gold Crest. Large golden yellow semi-double with brown zone. 18 in. Pkg. 15c; 1/4 oz. 45c



The Popular Aquilegia or Columbine



Hart & Vick's CALENDULA

The old-fashioned English "Marygold." One of the best and showiest free flowering annuals, growing in any good garden soil, from 1 to 2 feet tall. Effective in beds or in borders, where they bloom from early summer until frost. Very easily grown from seed sown in the spring, and summer. Try sowing the seed in August for specimen blooms with unusual stems.

Apricot Queen. A brilliant Calendula with large blooms of a bright apricot, deepening toward the center. It has a brown eye.
Pkg. 15c; 1/8 oz. 45c

Ball's Lemon Queen. Very large and double. Golden yellow with dark center; long, strong stems.
Pkg. 15c; 1/8 oz. 45c

Ball's Long Orange. Rich orange flowers of very large size; exceedingly long stems.
Pkg. 15c; 1/8 oz. 45c

Orange King. Full double, brilliant deep orange flowers with dark centers that will average 3 inches in diameter. This is a special selection that does equally as well in the garden as in the greenhouse.
Pkg. 10c; 1/4 oz. 40c

Orange Shaggy. A distinct new type with deeply fringed and lacinated petals of brilliant orange. Pkg. 10c; 1/4 oz. 40c

Pacific Beauty. Large flowers with longer petals and longer stems. An unusual color range from light cream to deepest orange. Tests so far seem to show more resistance to midsummer heat.

Mixed Colors. Pkg. 15c; 1/8 oz. 50c

Sensation or Campfire. A giant, double rich orange flower with scarlet sheen on a tall, strong stem. A splendid garden or greenhouse variety. Pkg. 15c; 1/8 oz. 50c

Sunshine. The flowers are full double, with long, narrow, loosely set, graceful petals, a clear Buttercup-yellow, and much larger than those of other varieties. They are carried on long stems and in many ways resemble a Chrysanthemum.
Pkg. 15c; 1/8 oz. 35c

Mixed Colors. A mixture made up from a great many varieties and colors. Extra fine selection
Pkg. 10c; 1/4 oz. 40c; oz. \$1.20

BEST OF ALL CLEAR YELLOW CALENDULAS FOR THE GARDEN

← YELLOW COLOSSAL

Immense, bright clear yellow, very double flowers, sometimes more than 4 inches in diameter. The petals are narrow, long, and curved, forming a most graceful flower. The stems are strong and 10 inches long. This variety is not only the largest of all Calendulas, but it is also the most liberal bloomer. Plant this near Violet Queen Alyssum or Blue Ball Ageratum, both combinations are very attractive.
Pkg. 15c; 1/8 oz. 50c

Cardinal Climber

One of the most brilliant and beautiful annual climbing vines ever introduced. Strong and rapid in growth, attaining a height of 30 feet or more in a season. The cardinal-red flowers are borne in clusters and literally cover the vine with a blaze of color from midsummer until frost. Sow seed, when weather is warm, in good soil in a sunny spot. Pkg. 15c

CAMPANULAS

Canterbury Bells

CALYCANthemA (Cup and Saucer Canterbury Bell). A splendid biennial, 2 ft. high, bearing large, beautifully colored flowers resembling a cup and saucer. Sow seed from June to September, transplant to 6 inches apart, protect during winter. Flower the following season.
White Dark Blue Mixed Colors
Rose Light Blue

Price, any of above: Pkg. 15c; 1/4 oz. 85c

MEDIUM (Single Canterbury Bells). Old-fashioned Canterbury Bell. Biennial, require same culture as *C. calycanthemA*. Grows 2 feet high.
Light Blue Pink
Dark Blue White Mixed Colors

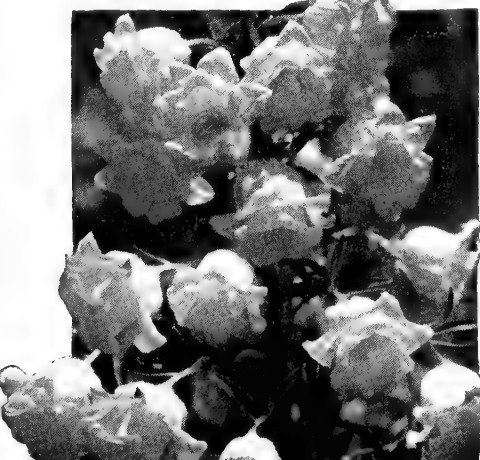
Price, any of above: Pkg. 15c; 1/4 oz. 50c

PERSICIFOLIA MIXED (Peach Bells). Bell-shaped flowers of bright blue and white in spikes on tall stalks 2 to 2 1/2 feet high. Blooms June and July. Pkg. 15c; 1/8 oz. 75c

PYRAMIDALIS MIXED (Chimney Bellflower). Blue and white, star-shaped flowers during the entire summer on 4- to 6-foot spikes. Pkg. 15c; 1/8 oz. 50c

CAMPANULA CARPATICA (Harebells). A hardy perennial blooming profusely all season. Grows 6 inches high. Splendid for borders.
Mixed Colors. Pkg. 15c

Campanula CalycanthemA,
Light Blue



Annual Canterbury Bell

Same flower and type of plant as the well known biennials, but these bloom six months after seed is sown. For early flowers start the seed indoors.

Mixed Colors. Shades of pink, rose, blue, lavender and white in a mixture.
Pkg. 15c; 1/8 oz. 35c

CANDYTUFT - IBERIS

Annual Varieties

Umbellata. An easily grown and very free-flowering annual almost as fragrant as sweet alyssum and very rapidly growing in popularity. All authorities agree on the great decorative value of this charming flower for beds and borders, and the larger the mass the better the effect. Sow outdoors in early spring and thin when plants are 2 inches high, giving each plant 6 inches of space to develop in. Sow another lot of seed in July for fall blooming. Not only does Candytuft make a brilliant display in the garden, but it is a very useful cut flower and is grown in quantity by many florists.

Carmine Pink White
Crimson Rose
Lavender Deep Red Mixed

Each: Pkg. 10c; 1/4 oz. 25c; oz. 75c

Collection: One package of each of above—7 colors for 55c.

Giant Hyacinth-Flowered. A wonderfully improved strain of the popular Empress Candytuft, quite distinct from the Umbellata sorts offered above, forming well branched plants 18 inches high, each branch terminating in an immense spike of large individual white flowers. Makes a splendid white border or bed. Fine for cutting. Pkg. 10c; 1/4 oz. 40c

Perennial Candytuft

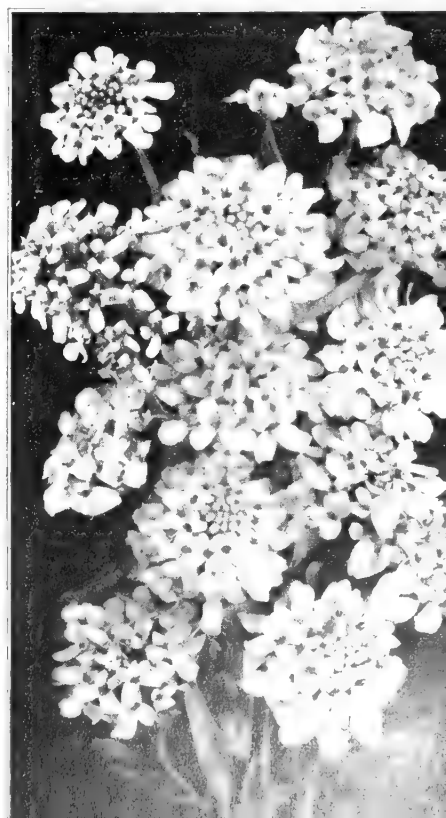
Evergreen plants that grow 6 to 10 inches high, with decorative foliage, and are covered with blooms in the spring and early summer. One of the best of the border or bedding plants.

GIBALTARICA. White flowers, tinted with pink. Pkg. 15c; 1/8 oz. 30c

SEMPERVIRENS. Flowers white; in early spring. Pkg. 20c; 1/16 oz. 55c

The BOOK OF ANNUALS. (By Prof. A. C. Hottes.) This book opens the door to greater success with these popular flowers. Over 100 varieties described, directions for culture and uses. 180 pages; 158 illustrations. Cloth bound. \$2.00; postpaid \$2.15

Annual Candytuft is a Splendid Cut Flower





Giant Double Sweet-Scented Carnations

CARNATIONS

For Your Garden

Ideal flowers for cutting and for growing in beds and borders when their delicious spicy fragrance and rich colors make them universal favorites. All Carnations do best in a sweet soil, well drained and in a sunny location.

Giant Double Sweet Scented

A new hardy Carnation from the French specialist Chabaud that flowers from seed five months after sowing and continues to produce splendid double flowers, some of solid colors, others tinted and blended, year after year. This is a sweet scented variety and a splendid addition to the list of hardy garden flowers.

Cardinal-Red
Deep Rose
Crimson
Deep Salmon

Flesh-Pink
Rose-Pink
White
Yellow

Any of above: Pkg. 20c; large pkg. 65c; 1/4 oz. \$1.50

Collection: One package each of the above—8 colors for \$1.45
Mixed. Many colors. Pkg. 15c; large pkg. 55c; 1/4 oz. \$1.35

Grenadin Carnations

Compact growing, hardy plants bearing long-stemmed double flowers the first year if the seed is sown early. Cut the tops back when they are through blooming.

Pink Red Yellow White Mixed

Any of above: Pkg. 20c; large pkg. 65c

Royal Sweet Sultan (Centaurea imperialis)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cutting purposes. The deliciously sweet scented flowers are borne on long, strong stems, and when cut will keep for several days in perfect condition. The plants grow 2 1/2 feet high, are well branched, and make a splendid display in the garden. Sow the seed early.

Choice Mixture. Splendid colors. Pkg. 10c; large pkg. 25c

White-Leaved Centaureas (Dusty Millers)

Fine for bedding, vases, hanging baskets, and pots. As an edging to beds of geraniums, salvia, or dark-leaved cannas, they are very effective. Sow the seed indoors and transplant outside in May.

Candidissima. Broadly cut silvery white leaves. Pkg. 15c; large pkg. 45c

Gymnocarpa. Finely cut, silvery white leaves. Pkg. 15c; large pkg. 45c

Hart & Vick's Centaureas And Double Cornflowers

Easily grown, blooming profusely and equally good for garden display; as for cutting, these are among the most popular flowers. Sow seed of the annual kinds either spring or late fall. Broadcast where you want the plants to bloom. Make repeated sowings every three weeks for continuous bloom.

Bachelor Button or Cornflower (Centaurea cyanus)

Known as Bachelor's Buttons, Ragged Sailor, Blue Bottle, etc. These hardy, easily grown bright flowering plants are among the most attractive and graceful of old-fashioned flowers, and bloom all summer. We have discarded the old single-flowering type, the greatly improved double-flowering kinds offered below being much better in every way.

Larger, brighter colors, more double, this new Florists' Strain is so superior to the old type that every gardener should insist on getting it.

Black Boy. Rich deep maroon.

Blue Boy. Extremely large; rich deep blue. Very fine in the garden and as a cut flower.

Pinkie. Large; clear rose-pink.

Red Boy. Very attractive deep red

Snow Man. Pure white; very double

Each of above: Pkg. 15c; 1/4 oz. 35c; oz. 95c

Collection: One package each of the foregoing 5 colors for 65c.

Double Mixed. Pkg. 15c; 1/4 oz. 35c; oz. 95c

Jubilee Gem Cornflower

A low, compact growing plant about 12 inches high. Liberally covered with dark blue, very double flowers. Good for edging plantings of taller annuals or perennials, for mass planting, or for bordering walks and drives. Combines very well with Marigolds. Pkg. 15c; 1/8 oz. 35c

Polar Gem Cornflower

New introduction this year. A companion plant to the most popular Jubilee Gem Cornflower. Very double, pure white flowers on the same low, compact growing plant. About 12 inches high. We feel sure that this will be welcomed by gardeners everywhere because, like its companion, it has so many uses and is adaptable to so many situations and conditions. Pkg. 20c; 1/8 oz. 50c

Cobaea

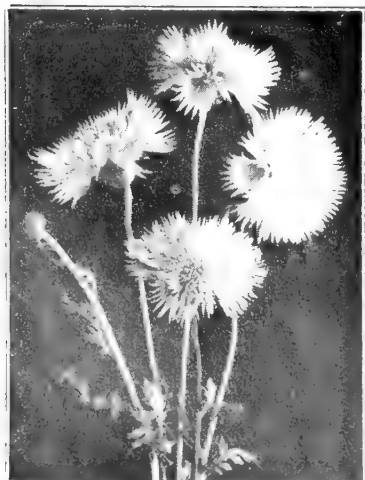
(Cup-and-Saucer Vine)

A rapid growing annual climber that often attains a height of 40 feet in a season. Flowers purple, bell-shaped. Fine for covering arbors and trellis. Plant seed edgewise, cover lightly; to get best results start the seed indoors in March or April; can also be sown out-of-doors in May.

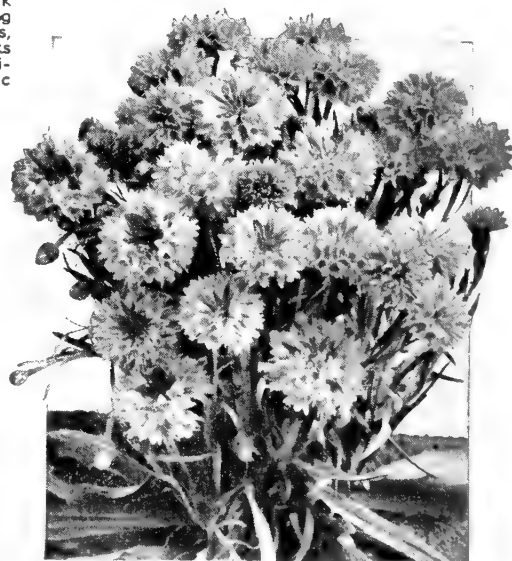
Scandens. Purple

Pkg. 15c

Instead of using soil this year to start early plants in, use Vermiculite, it's light, clean and sterile. No damping off. Makes plant growing a pleasure. Page 61.



Royal Sweet Sultan



Jubilee Gem Cornflower

Celosia and Cockscomb

Easily grown, old-fashioned flowers that could be used with splendid effect in many gardens. The plumed type is especially useful as a background for lower growing plants.

Crested Cockscomb

(*Celosia cristata*)

An easily grown, free-blooming annual, very effective in the border and attractive for pots. Seed can be sown under cover in the early spring or outdoors in May. Plants grow 1 foot high.

Empress Giant. Brilliant crimson combs of giant size. Crimson foliage. Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 90c

H. & V. Mixed. Crimson, scarlet, yellow and orange shades mixed together. Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 90c

Don't sow seed too deeply. Most flower seeds do best if barely covered with fine soil pressed down very lightly.

Plumed Celosia

(*Celosia plumosa*)

The plumed Celosia are one of the best and showiest bedding plants. Grow 2 to 3 feet high. **Thompson's Magnificent.** Mixed colors; fine for outdoor planting. Pkg. 15c

Chinese Woolflower

(*Celosia Childsii*)

Choice Mixture. Unlike other feathered Celosia, it bears large, globular heads like balls of wool, on stalks 2 to 3 feet high. Branches freely, each branch terminating in a bright ball. Not only valuable as a very showy garden flower, but they make a fine flower for cutting, as they can be dried and will keep their color for weeks. Pkg. 15c; 1/8 oz. 40c



Cheiranthus—Siberian Wallflower

Giant Pink Queen Cleome or Spider Plant

Silver Medal Winner, All-America Selections

A new graceful hardy annual that grows 3 1/2 to 5 feet tall, and bears huge trusses of bright salmon-pink flowers from early summer until hard frost in the late fall. Solid beds of Cleome make a most wonderful display. Have the plants 18 inches apart each way. A double row makes a splendid hedge. The plants are well branched, each branch terminating in a large head of bright pink blooms followed by long, slender seed pods supported by long, wiry stems. Splendid for large beds or background planting. Pkg. 15c; large pkg. 45c

Cynoglossom Chinese Forget-Me-Not

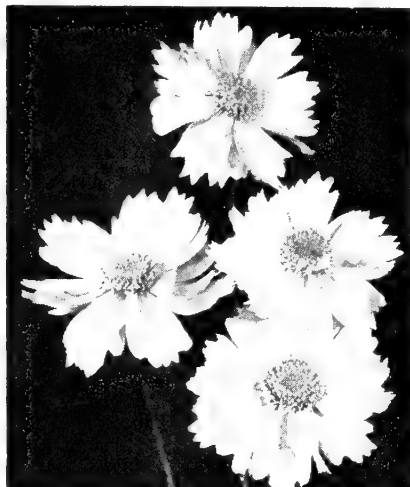
This easily grown annual plant was recently brought here from China. It is strong and thrifty growing, 15 inches high and producing throughout the summer, sprays of Forget-Me-Not flowers that are delicately sweet scented. **Firmament.** New low growing, bushy, easily grown kind, covered with rich blue flowers. Pkg. 15c; 1/8 oz. 40c

Coreopsis

DOUBLE SUNBURST. A new double-flowering, long-stemmed Coreopsis that is a splendid addition to our list of hardy flowers. Readily grown from seed and blooms the first season. Pkg. 15c; large pkg. 40c

MAYFIELD GIANT. Extra large rich golden yellow flowers on long stems. There are many flowering branches providing an abundance of flowers for cutting. This newer variety is so much better in every way than the old Grandiflora kinds that we have discontinued them. Pkg. 15c; large pkg. 40c

Giant Double Clarkia



Double Sunburst Coreopsis

Cerastium

(Snow-in-Summer)

Tomentosum. Hardy perennial bed or edging plant with pure white, star-shaped flowers in May and June. It gets its name from its appearance when in full bloom—and covered with blooms, "Snow-in-Summer." Height 12 inches. Pkg. 15c; large pkg. 45c

Cheiranthus Allioni

(Siberian Wallflower)

A beautiful plant for the bed or border. Its dazzling, fiery orange flowers are borne in the greatest profusion on stems a foot high. Best used as a biennial. Blooms during May and June. Pkg. 10c; large pkg. 30c

Cleome, Pink Queen

CHRYSANTHEMUMS

The Annual Chrysanthemums or Painted Daisies, as they are called, bloom profusely from early summer until fall, their bright colors making a splendid show in the garden and being very useful as cut flowers in the house. As they grow 2 feet high, they make fine beds and borders, doing best in heavy soil.

DOUBLE FLOWERING. Very double flowers in brilliant colors, and tall, strong stems. Splendid for cutting and bedding. Pkg. 15c; 1/4 oz. 50c

Carinatum Merry Mixture. Easily grown annuals giving an abundance of large single flowers for cutting and display throughout the summer. They are beautifully zoned and ringed with unusual contrasting colors. Mixed colors. Pkg. 15c; 1/4 oz. 50c

SHASTA DAISY, CONQUEROR. A splendid perennial variety that bears giant, white, glistering, daisy-like flowers seldom less than 5 inches across on stems 2 1/2 feet high. Blooms all season and when cut will remain in good condition for a week. Pkg. 15c; large pkg. 35c

Cineraria

Cremer's Prize. Extra large blooms in a greater range of color than found in most other strains. Wilt-resistant plants. Pkg. 50c

Clarkia - Garland Flower

Giant Double-Flowering. These are among the finest of all flowers for the garden, blooming profusely and making a brilliant show when planted in beds and borders. Each plant produces a mass of slender, upright branches about 2 feet high, covered almost the entire length with buds and flowers whose daintiness of form and delicacy of color remind one of the almond blossom. Very easily grown in any light garden soil, either in the sun or in partial shade. All colors mixed. Pkg. 15c; 1/8 oz. 40c

[31]

Carinatum Chrysanthemums are Splendid for Cutting or for Show in the Garden





The Best Crimson Cosmos is Cardinal

Hart & Vick's COSMOS

These are among the most popular and easily grown annual flowers, making a wonderful display in beds and borders in the garden, and furnishing an abundance of cut blooms for house decoration in the fall, when other flowers are scarce. Sow the seed outdoors just as soon as danger from frost is over, or it may be started in cold frames and then transplanted. Thin or transplant 18 inches apart, and pinch back the tops to make them branch.

New Sensation Cosmos

Beautiful new variety bears, in good quantity, large 4-inch in diameter, single flowers about 10 weeks after the seed is sown. Much better than other single flowering kinds. Plant is compact in growth, about 4 feet tall.

Cardinal. Rich crimson.

White King. Glistening silvery white.

Pink Lady. Rich shade of lilac-pink.

Mixed Colors. The three colors mixed. Price of above: Pkg. 20c; large pkg. 45c

Early Double Cosmos

A description of this Cosmos gives you but a faint idea of its wonderful beauty. In the center of the flower is a crest of short, fine petals and this is surrounded by a row of broader and longer guard petals. The long, strong stems are covered with facelike foliage that adds greatly to its decorative qualities. The plant grows 3 to 4 feet high and is massed with bloom from July until frost.

Carnelia. Splendid, rich crimson double flowers.

Peach Blossom. Beautiful rose-pink, double flowers.

Whirlwind. Pure white, double flowers.

Price of above: Pkg. 20c; large pkg. 45c

Collection: One package of each of these 3 separate colors for 50c.

Mixed. A splendid mixture of colors. Each of the preceding. Pkg. 15c; large pkg. 35c

The New Cosmos, Radiance

Silver Medal Award in the All-America Selections for 1948. Radiance introduces two entirely new colors in Sensation Cosmos: striking deep rose and rich crimson in the first bi-color Cosmos ever to be developed.

Pkg. 25c; large pkg. 45c

Orange Flare. One of the newer kinds of Cosmos that received a Gold Medal in 1935 from All-America Selections Committee. Plant grows 3 feet high and carries quantities of 3-inch, single, orange-yellow blooms on long stems. Pkg. 15c; large pkg. 40c

Lovely Dahlias

ARE GROWN FROM SEED

It surprises most people to learn how easily Dahlias are grown from seed, and what splendid and unusual flowers, hardly two alike, are borne on the sturdy plants the first year. Sow the seed early in April. In the fall dig and store the tubers in a dry, cool place.

Exhibition Mixture of Double Decorative Varieties. Made up from seed of choice, large-flowering named varieties that are sure to give many pleasant surprises to the gardener. Pkg. 25c

Coltness Hybrids. Sturdy 18-inch plants covered with charming single flowers in many brilliant colors. Valuable for cutting for the house and for beds and borders. Pkg. 25c; 1/16 oz. 50c

Vosberg's Hybrids

A new type of cut flower Dahlia of recent introduction by a commercial florist. The plants grow three to four feet tall with long clean stems ideal for cutting. The medium sized single flowers 3 to 4 inches across hold up well in water after cutting, and are in a pleasing array of attractive colors from light yellow to deep crimson. Pkg. 25c; large pkg. 50c

Unwin's Dwarf Hybrids

Miniature single, semi-double and double flowers in a brilliant array of colors ranging from pure white through cream, yellow, orange, salmon, pink, rose, purple and deep maroon. Plant grows about 20 inches high and starts blooming early in August and continues until frost. Splendid for display in the garden and for cutting. Pkg. 25c; 1/16 oz. 50c; 1/8 oz. 90c



Unwin's Dwarf Hybrid Dahlias

Dianthus, Sweet Wivelsfield



Cypress Vine

A beautiful and popular annual climber growing 15 feet high, with delicate, fernlike foliage and star-shaped flowers of scarlet and white. Blooms July to late fall. Pkg. 25c

DIANTHUS

SWEET SCENTED GARDEN PINKS

Brilliant colors and profusion of bloom make these Garden Pinks one of our most popular flowers. Plants grow about a foot high and are particularly fine in masses in beds and borders. Sow the seed outdoors in early spring, and in a few weeks the plants will be up and full of bloom.

Annual Varieties

Westwood Beauty—A New Dianthus

Large, single, deeply fringed flowers 1 1/2 to 2 inches in diameter, on long, strong stems. A beautiful flower in variable shades of crimson and scarlet, some having white edgings. This is an annual flower. Pkg. 25c; large pkg. 50c

Giant Double Sweet-Scented. Double flowers with colors from the most delicate pink to the deepest crimson. Pkg. 10c; 1/8 oz. 35c

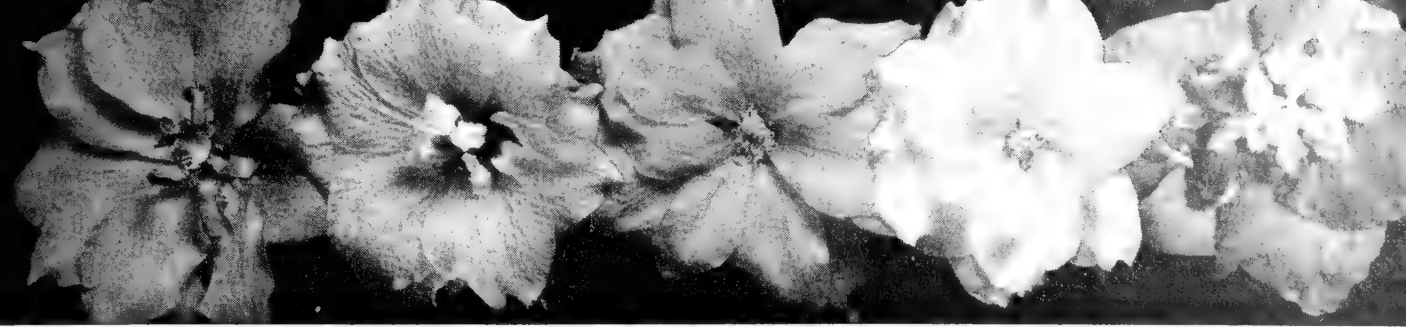
Giant Single Sweet Scented. A splendid mixture of colors in single flowers. Pkg. 10c; 1/8 oz. 35c

Sweet Wivelsfield. A new annual Pink for the border or bed. The plants have the thrifty growth of Sweet William, and the flowers the brilliancy of color of Japanese Pinks. Pkg. 15c; large pkg. 40c

Perennial Kinds

ALLWOODI ALPINUS. A beautiful hardy Pink for the border or bed. Grows 4 to 6 inches high and bears large flowers in various shades of rose and pink and lavender during July and August. Pkg. 20c; large pkg. 50c

Plumarius, Single Mixed. Fringed flowers in many beautiful colors. Pkg. 15c; large pkg. 40c
PLUMARIUS, DOUBLE MIXED. Double and semi-double, very fragrant, fringed flowers in many beautiful colors. Grows 8 inches tall. Pkg. 25c; large pkg. 65c



HART & VICK'S DELPHINIUMS

THE CENTER of ATTRACTION in any GARDEN

These are the most popular and certainly one of the most beautiful of all the hardy plants for display and for cutting. The tall spikes of flowers of many shades of color, standing erect above the dark green foliage, make a wonderful display unequalled by any other flower. They begin to bloom in June and by cutting the plants to the ground, as the crops of flowers fade, a second and third lot of bloom may be had.

PACIFIC GIANT DELPHINIUM

A new strain originated on the Pacific Coast. Huge flowers 2½ inches in diameter, beautifully spaced on well balanced spikes, thin, woody stems. Comparatively mildew-resistant, practically 100 per cent double.

Black Knight

Darkest of all dark blues. Giant flowers of heavy velvety texture on very long, well formed spikes. A great favorite in our Display Grounds.

Cameliard

Clear lavender, very double flowers with white bees.

Galahad

Clear white flowers with very heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit, strong whippy stems with a high percentage of mildew-resistance. The Galahad series puts the white on a par with the largest and strongest Delphiniums. Seed from originator's stock.

Summer Skies

Clear light blue flowers, very delicately colored. Has a white bee.

King Arthur

Very dark violet flowers with white centers or bees. Probably as dark or darker in color than any other Delphinium. In our trial grounds King Arthur had not only the largest individual flowers but the longest spike and the tallest and strongest stem.

Round Table Mixture

Three hundred crosses were used to make up this kind that combines all the newest color developments. The finest Hybrid Delphinium Mixture we have ever seen. At our Display Grounds at Fairport, N. Y., we had over 300 plants, grown from this seed, in bloom. Hundreds and hundreds of visitors pronounced it the best lot of Delphiniums they had ever seen. We recommend this mixture of colors in Delphiniums to every gardener whether he or she is a Delphinium expert or just starting to grow them in their garden for the first time.

Prices: Pkg. of about 200 seeds...50c
Large pkg. (about 500 seeds) \$1.75.

COLLECTION: One package each of above 5 separate kinds (5 pkgs. in all) for \$2.00.

Hart & Vick's Exhibition Hybrid Delphinium

The flowers are of exquisite texture, splendid size, and in trusses 2 feet long, held erect on 6-foot stems. Here you will find Sky-Blue, Porcelain-Blue, Gentian, Royal and Cornflower-Blue, Mauve, Rose, Heliotrope, Pansy-Violet, with double and crested centers in Pure White, Cream, Yellow and Black.

Pkg. 35c; large pkg. 75c

Blackmore & Langdon's Famous Delphiniums

Contains many of its finest Delphiniums introduced by the famous English growers, in colors from the lightest blue to dark ultramarine, many marked with mauve, with a light cream or white eye. One of the choicest mixtures we have ever offered.

Pkg. 25c; large pkg. 50c

Bellamosum Improved

A dark blue form of the popular light blue Belladonna. Sturdy grower, free bloomer, and has all the other good qualities that make a successful garden plant. Height 3 feet.

Pkg. 20c; large pkg. 50c

Belladonna Improved

A greatly improved strain of this popular variety. It has a brighter and larger turquoise-blue flower, a longer and better filled flower spike that is carried on a stronger and longer stem, and greatly excels the old Belladonna for continuous blooming.

Pkg. 20c; large pkg. 50c

The individual flowers of Pacific Hybrids are very large. We have grown them here in Rochester 2½ inches in diameter.

Hart & Vick's Gold Medal Hybrid Delphinium

This is a mighty good strain of Delphinium we offer you at a popular price. The flowers are of good size and come about 50 per cent double. Colors range from light sky-blue with light and dark bees through the mid-blues, violets, purples and lavender, and lavender-pink. Plants are strong growing and carry the flower spikes on strong wiry stems. This strain is very easily grown.

Pkg. 15c; large pkg. 40c

Delphinium Chinensis Blue Mirror

A new type of Delphinium Chinensis sure to become increasingly popular. The clear, bright, many blue wide-open flowers are without spurs and face upwards. This makes it much more attractive both for a low border and for cutting. A half-hardy perennial that blooms the first year from seed sown outdoors in the spring. Plants 12 to 15 inches tall.

Pkg. 35c; large pkg. 85c

Our Exhibition Hybrid Delphiniums



How to Grow Delphiniums

Always insist on fresh seed. Some of the most expert professional private gardeners chill or freeze their Delphinium seed in the refrigerator or ice chest for 24 hours and sow it while it is still cold. Sow from early spring until August in a well prepared seed bed, covering with 1/8 inch of fine soil, firmed down. After sowing, cover the seed bed with mulch, new lawn clippings, peat moss, or even newspaper if kept wet. In 12 days remove mulch gradually. When plants have three leaves, move and space 6 inches apart. The following spring transplant in groups into your garden, allowing 1 foot between the plants. Mulch, after the ground is frozen, for protection. Delphinium require an alkaline or sweet soil. In the early spring throw a handful of lime on the plant. Feed liberally with pulverized sheep or cow manure and water thoroughly.

When the first crop of bloom has faded cut the flower spikes off just above the foliage and keep slightly dry for two or three weeks to give the plants time to rest before the new shoots appear above the ground. When this takes place, cut the rest of the old stock off, sprinkle a teaspoonful of ammonium phosphate around each plant, rake it into the soil slightly and water thoroughly. From the new shoots appearing from the ground select two or three of the strongest and break the rest out. The remaining ones will develop into fine spikes again.



Dimorphotheca should be grown in more gardens. It really is a very lovely annual.

Coleus

Special Rainbow Mixture. Large, beautifully colored leaves of light green, yellow, orange, crimson, and maroon, used for beds and borders, and also for growing in pots. Pkg. 25c

Choice Mixed. A splendid mixture of the smaller leaved varieties. Pkg. 25c

Cyclamen, Giant Persian

This is a superior strain of Cyclamen with flowers of largest size displayed well above the handsome foliage.

The seed is sown in the greenhouse or conservatory in April or September, and flowers in from 15 to 18 months.

Dark Red, Light Red, Salmon, Pink, Scarlet, White, or Mixed
10 seeds 35c; 25 seeds 75c; 100 seeds \$2.65

Daisy, English - Bellis

These double Daisies are easily raised from seed and bloom from early spring until midsummer. The plants grow 6 inches high and about 6 inches across. We offer Giant flowering types in mixed colors of red, white and pink.

Pkg. 20c; large pkg. 75c



Datura—Angel's Trumpet

DIGITALIS - FOXGLOVE

The old-fashioned, stately Foxgloves are popular in gardens everywhere. Their long spikes, 4 to 5 feet high, bearing Gloxinia-like flowers in cream, rose, red, white and other beautiful colors, rising above the rich green foliage, make a wonderful show in June and July and add to the beauty of any garden. This is a biennial and the seed should be sown each year for continuous display. Plant in a well drained place in the garden.

GLOXINIAEFLORA. This is an improved strain of the old-fashioned Foxglove, with handsomely spotted Gloxinia-like flowers on long spikes.

Mixed Colors. Pkg. 15c; large pkg. 45c

MONSTROSA. Tall spikes of very large bells, many spotted. Clear bright colors: rose, purple, lilac, shell-pink, and white. This is the largest flowering of the Foxgloves. We offer it in mixed colors.

Pkg. 15c; 1/8 oz. 50c

Dimorphotheca

(African Daisy)

Aurantiaca. Also known as the Cape Marigold. Daisy-like blooms during summer and fall. Good for rock gardens, edging and cutting. Quick to come into bloom. 12 to 15 inches tall. Bright golden orange flowers.

Pkg. 15c; large pkg. 40c

Dolichos - Hyacinth Bean

Mixed. A rapid growing climbing plant with handsome foliage and spikes of purple and white flowers which are followed by purple seed pods. Blooms summer and fall. Height 2 feet. Splendid for covering arbors and trellises.

All colors, pkg. 10c

Didiscus

(Blue Lace Flower)

Caerulea. Blue Lace Flower grows into an upright, very much branched plant about 2 feet high. Each branch ends in an umbel of sky-blue flowers which spread out in an umbrella-like fashion, crowning each shoot with a beautiful and delicate head of flowers. It is easily grown and a splendid cut flower, lasting unusually long in water.

Pkg. 15c; 1/8 oz. 25c; 1/4 oz. 45c

Datura

(Angel's Trumpet)

Wrightii. (Meltoides.) Showy, large, upright growing plants 3 feet high, having large bluish green leaves and dark purple stems. The immense trumpet-like, pure white flowers are very sweet scented and bloom from midsummer to fall. Grow them in a light soil and in a sunny, protected place.

Pkg. 10c; large pkg. 25c

Dracena

Indivisa. Ornamental plants with long, narrow foliage. Used for window boxes, urns, etc., or as center plants in beds in the summer. Often called "Spikes."

Pkg. 15c

Euphorbia

Variegata (Snow-on-the-Mountain). Striking ornamental plant having light green leaves variegated with white. A strong growing and popular annual suited for beds and borders of tall growing plants. Sow seed in early spring, where plants are to remain. Thin to 1 foot apart. Height 2 1/2 to 4 feet.

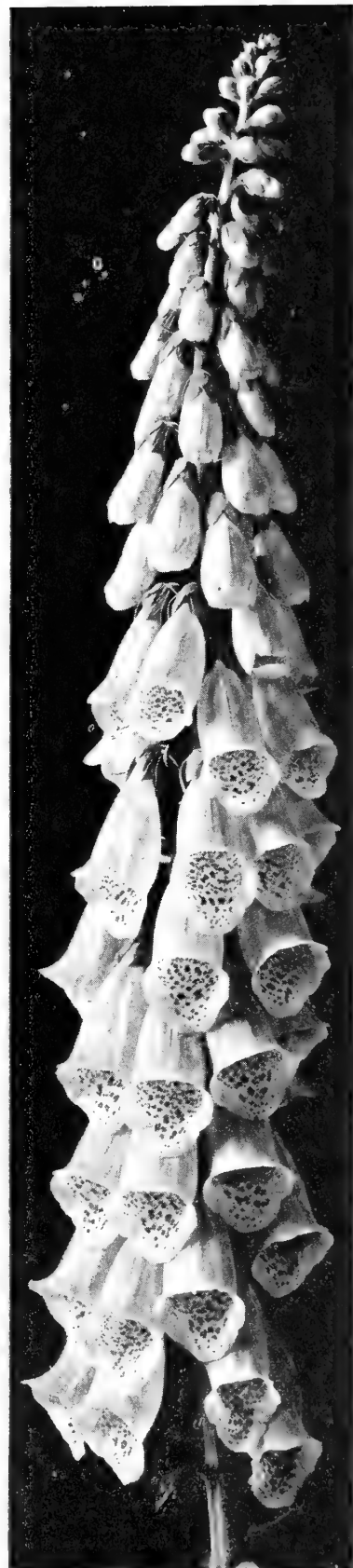
Pkg. 15c; 1/4 oz. 35c



Snow-on-the-Mountain (*Euphorbia*)

TERRA-LITE VERMICULITE

Try Terra-Lite Vermiculite in your garden seed-bed, to break up heavy clay-type soils. Lets soil breathe, provides air and water as needed by growing plants. See page 61.



A tall, graceful spike of the Monstrosa Foxglove—very large bells of the brightest colors on tall, strong stems.

Everlasting Flowers for Winter Bouquets

Acroclinium. New large-flowered double hybrids. Giant size, white or rose-pink flowers; if cut when first opened, can be dried and used in winter bouquets. Height 15 inches. Mixed. Pkg. 15c; 1/4 oz. 55c

Gomphrena globosa. Flowers similar to those of clover. Mixed colors. Height about 18 inches. Pkg. 15c; 1/4 oz. 35c

Helichrysum (Strawflower). One of our best Everlastings. Double flowers, which, if cut when in half bud and dried, will retain their color for years. Height 2 1/2 feet. Mixture of rich bright colors. Pkg. 10c; 1/4 oz. 60c

Honesty (*Lunaria biennis*). Called by many "Silver Penny" and "Peter's Pence." A biennial that flowers the first year if the seed is sown early and bears round, flat, silvery white seed pods which are dried and make attractive winter decorations. Grows 4 feet high. Pkg. 15c; 1/8 oz. 35c

Statice sinuata. A fine garden flower rapidly growing in popularity. Splendid in the summer garden and makes wonderful bouquets when dried for winter.

Kampf's Blue White

Bright Rose Mixed Colors

Each, pkg. 10c; 1/4 oz. 25c

HART & VICK'S MIXTURE OF EVERLASTINGS

A special mixture of different flowers that can be dried for winter bouquets. This mixture will also provide nice fresh cut flowers during the summer.

To dry, cut the flowers before they are fully developed, remove the foliage, bunch loosely, and hang heads downward in a cool, airy, shady place. Pkg. 10c; 1/4 oz. 30c; 1/2 oz. 50c

Feverfew - Matricaria

BALL DOUBLE WHITE. Small, double, white flowers on bushy plants 3 feet high. Well adapted for bedding and cutting. Perennials in a mild climate, but here we treat them as annuals. Pkg. 15c; large pkg. 50c

NOTE: This is a variety that does not come 100% double from seed. We believe this strain we offer you is as good as can be grown. Our trials show about 85% double white flowers.

Four O'clock (Marvel of Peru)

An annual plant of bushy habit that grows very easily in any garden, is 2 feet high and bears throughout the summer large flowers, that open wide about 4 o'clock in the afternoon, if the day is sunny, and stay open all day if it is cloudy. We offer a mixture of these colors: white, yellow, crimson and striped. Mixed, pkg. 10c; oz. 45c

Godetia - Satin Flower

These very attractive annuals, with their wide-open, satiny-petaled flowers and their wealth of brilliant color, deserve a prominent place in your garden. They will grow in poor and sandy soil and in partial shade, or you can grow them in pots for winter house flowers. Both the single and double flowering kinds come in a splendid mixture of colors, including rose and white, dark crimson, fiery red, brilliant rose and bright pink. Usually a deep blotch of color is found near the center, as if painted upon the petals. Blooms summer and fall.

Duke of York. Rich scarlet single flowers bordered with creamy white. Stems 18 inches long. Pkg. 15c; 1/8 oz. 50c

Tall Double, Mixed. The double, brilliantly colored flowers are borne profusely on plants 2 feet high. Pkg. 15c; 1/8 oz. 50c

Dwarf Double, Mixed. Azalea-like, satiny, single flowers, splendid for beds and borders. Height 1 ft. Pkg. 15c; 1/8 oz. 50c

HART & VICK'S GAILLARDIAS

Annual Varieties

Annual Gaillardia make a splendid show in the garden from early summer until frost. The brilliant flowers are fine for cutting. Sow the seed where they are to bloom. Height 18 inches. Blooms all season.

Picta, Indian Chief. A most attractive single flower of glistening metallic bronzy red with a sharply contrasting dark center. Pkg. 15c; 1/4 oz. 45c

Double-Flowering, Mixed (*Lorenziana*). Large, handsome, double, quilled flowers in rich shades of crimson, garnet, lemon, and orange. Pkg. 10c; 1/8 oz. 35c

Perennial Kinds

Hardy Gaillardias thrive in any soil or position, and are absolutely hardy. Sow seed early and they will begin blooming in July and continue until frost. Grows 2 feet high.

GRANDIFLORA, MIXED. Gorgeously colored flowers marked with crimson, orange, and vermilion. Pkg. 10c; large pkg. 30c

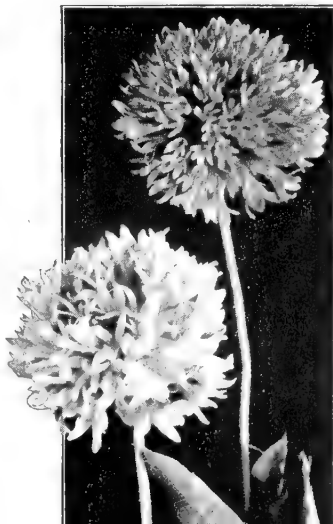
THE DAZZLER. Dark red, with bright orange tip of each petal. Pkg. 25c; large pkg. 50c

BURGUNDY. A new coppery scarlet, hardy variety, entirely distinct from other Gaillardias. Pkg. 25c; large pkg. 40c

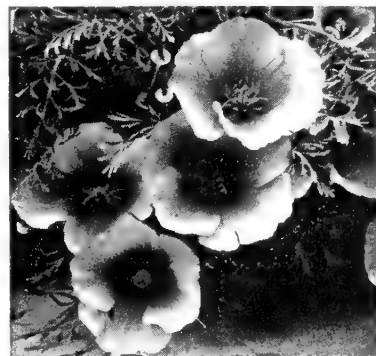
The Hardy Gaillardias, Burgundy and Dazzler



Double-Flowering Annual Gaillardias



Helichrysum for Winter Bouquets



California Poppy (*Eschscholtzia*) Blooms from early summer until frost

Eschscholtzia

(California Poppy)

The State Flower of California

A beautiful and brilliant annual growing about a foot high and bearing quantities of Poppy-like flowers in yellow, orange, and crimson. These are specially good when planted in beds and borders where their finely cut, blue-green foliage and brilliantly colored flowers make a gorgeous display. Sow the seed in the early spring where the plants are to remain, as they do not transplant successfully.

Golden West. Single flowers of deep yellow with a brilliant orange blotch, and orange with a clear yellow center. Pkg. 10c; 1/4 oz. 25c

Single Flowering Mixed Colors. Very delicate silk-like flowers in a color assortment ranging through golden orange, chrome-yellow, purple and frost-pink. Pkg. 10c; 1/4 oz. 25c

Double Flowering Mixed Colors. Large, double flowers ranging in color through deep pink, rose, carmine, deep yellow, orange and scarlet. Pkg. 15c; 1/4 oz. 50c

Gilia

Capitata. A very graceful annual growing about 2 feet high, with fine, feathery foliage, and bearing freely over a long season, globular heads, about 1 inch across, of rich lavender-blue flowers which last well when cut and retain their lovely color when dried. Pkg. 10c; 1/4 oz. 25c

Micrantha, Fairy Stars. Very attractive, tiny star-like flowers in pastel shades borne abundantly on plants 12 inches tall. Pkg. 15c; 1/8 oz. 40c



Annual Gypsophila is Splendid for Bouquets

Ornamental Gourds

Small-Fruiting Varieties, Mixed. The fruits vary greatly in shape and color, but all are of the small-growing type now so popular shown in bowls and baskets in the home. We have a specially fine strain of these very popular gourds. In this mixture you will find many varieties, both smooth and warted. Pkg. 15c; 1/2 oz. 45c; oz. 75c

Turk's Turban. A rather large Gourd or Squash that attracted much comment when used as a centerpiece on dinner tables last winter. Pkg. 15c

Large-Fruiting Varieties, Mixed. A mixture containing such well known large kinds as Dipper, Pipe, Dish-rag, Hercules Club, Calabash, etc. Pkg. 15c; 1/2 oz. 45c; oz. 75c

Harvest Gourds when the stem has begun to turn brown, the leaves of the vine start to die and the gourd shell will not dent with the finger nail. Leave part of the stem on the gourd when picking. Clean, wash in a strong disinfectant and dry in a cool place where there is plenty of air.

Geum - Avens

These hardy perennial plants belong to the Rose family and have become very popular in the hardy border, where their showy flowers make a brilliant display from May through October. To avoid wilting after cutting, put the stems in warm water. Height 2 feet.

LADY STRATHEDEN. Rich golden yellow, double flowers produced in great profusion all summer. Pkg. 20c; large pkg. 45c

MRS. BRADSHAW. Large, double, orange-scarlet flowers on plants 2 feet high. Pkg. 15c; large pkg. 45c

Heuchera - Coralbells

SANGUINEA. An exceptionally good plant for bordering or beds. It is dwarf, compact, bushy, and very easily grown. Graceful spikes of coral-red flowers during July and August; stems 2 feet high.

Pkg. 25c; large pkg. 75c

SPITFIRE. Large, rich scarlet flowers on strong, wiry stems 2 feet high. Blooms in July and August.

Pkg. 25c; large pkg. 75c

GYP SOPHILA

(Baby's Breath)

ANNUAL KINDS:

The delicate, mist-like sprays are used for mixing with other flowers in bouquets and vases. Plants grow readily and bloom freely.

London Market Strain. A new strain of the always popular annual Baby's Breath. The flowers, which are pure white, are the largest of any annual Gypsophila. It makes a remarkably fine flower for cutting and will be found useful in many ways. Make sowings of seed during the spring and early summer. Height 2 feet.

Pkg. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.15

Carmine. Large, richly colored flowers on 18-inch stems Pkg. 15c; 1/8 oz. 35c

PERENNIAL VARIETIES:

PANICULATA. Single, white flowers that are fine for winter bouquets when dried. A favorite hardy perennial. Height 2 feet. Pkg. 10c; large pkg. 25c

DOUBLE SNOW-WHITE. A new hardy kind that is earlier and larger flowered than the old Paniculata Fl. Pl. variety. Splendid for cutting and drying for winter bouquets. Pkg. 25c; large pkg. 75c

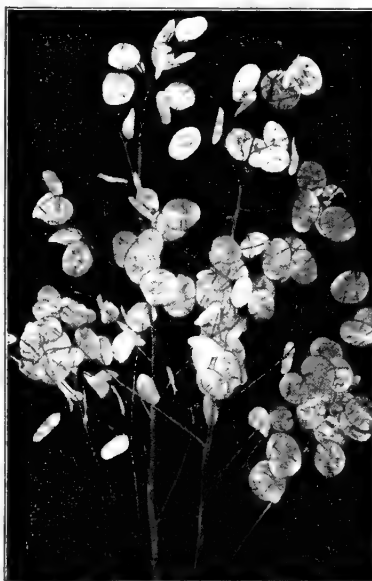
Helenium

RIVERTON GEM. Single flowers of old gold suffused with bright terra cotta, changing to Wallflower-red. 3 to 4 feet high. Bloom in August, September and October. Hardy perennial, particularly valuable where climate is too severe for Garden Chrysanthemums Pkg. 20c; large pkg. 50c

Honesty

(Peter's Pence - Silver Penny)

Lunaria biennis. Grown for the silvery white, paper-like, flattened seed pods, which will make attractive winter decorations. Flowers are purple, crimson or white. A biennial that will flower the first year if the seed is sown early. Pkg. 15c; 1/8 oz. 35c



Peter's Pence - Silver Penny - Honesty



Coralbells or Heuchera

Annual Hollyhock

Called "Annual" because the plants will bloom from seed the first season if seed is sown early. With very little winter protection they will last several years. Grow about 5 feet high. Mixture of many colors.

Pkg. 10c; 1/4 oz. 35c



In a Corner or Along a Fence
Hollyhocks Do Things to a Garden

Hart & Vick's Giant Hollyhocks

These real old-fashioned, hardy plants are a necessary part of every perennial garden. Nothing is more effective than a mass of Hollyhocks blooming in the back of the hardy border. Massed in fence corners or distributed among the shrubbery, no other plant produces such showy effects. Give them plenty of water, an occasional dressing of manure, and slight protection during winter. Height 6 feet.

CHATER'S FAMOUS DOUBLE VARIETIES:

Pink
Yellow

Maroon
White

Scarlet
Salmon

Deep Rose

Each of above: Pkg. 10c; 1/8 oz. 35c

Collection: One package each of the above—7 colors for 55c

Double Mixed. A splendid mixture of a great many colors

Pkg. 10c; 1/8 oz. 35c

Helianthus - Sunflower

These annual Sunflowers are charming when grouped in mixed flower borders, and are used extensively as cut flowers as they come into bloom early in the summer and keep on flowering until cut down by hard frost. Sow in a sunny spot early in the spring.

Double Chrysanthemum-Flowered. Rich golden yellow, double flower that looks like a Dahlia or Chrysanthemum. Height 3 to 4 feet. Pkg. 10c

Red Shades. Tall, 6-foot plants carrying large single flowers in varying shades of red and crimson, some tipped with yellow, others yellow splashed with red.

Pkg. 10c; 1/4 oz. 35c; oz. 60c

Mammoth Russian. Grows immense, single, yellow heads often 18 to 20 inches in diameter and produces quantities of seed that is enjoyed by many of our native birds, as well as chickens.

Pkg. 10c; oz. 15c; lb. 45c

Heliotrope - Cherry Pie

A half hardy perennial that flowers during the whole season and whose flowers and foliage are deliciously fragrant. Splendid for bedding or greenhouse use. Seed sown indoors early will produce blooming plants for bedding and pot-plants for winter house decoration. Can be sown outdoors in May.

LEMOINE'S GIANTS, MIXED. Many shades ranging from very light blue to darkest purple.

Pkg. 15c; large pkg. 50c

Hunnemannia

(Giant Tulip Poppy)

Fumariaefolia. Large bright yellow poppy-like flowers borne on bushy 2-foot plants from July until frost. This Giant Tulip Poppy is a very handsome subject in the garden planted near or with Gilia or Nigella, and splendid as a cut flower for the house when combined with annual Gypsophila.

Pkg. 10c; 1/8 oz. 25c; 1/4 oz. 40c

Sunlite. New semi-double flowers with a band of short petals circling the longer cup petals. Very attractive, clear canary-yellow. Sow in a sunny spot where it will bloom all season long. If you will cut it when in bud it will last indoors for seven or eight days.

Pkg. 15c; 1/8 oz. 35c

Job's Tears

An ornamental grass that grows 3 to 4 feet high and bears hard, shiny, pearl-like seeds used as beads.

Pkg. 15c

Kochia

(Summer Cypress; Burning Bush)

Trichophylla. This beautiful annual bush has rapidly come into prominence. It grows 2 to 2 1/2 feet high, and resembles a close-clipped ornamental evergreen. The globe-shaped or pyramidal plants are close and compact, and of a pleasing light green color. It may be grown singly or in the form of a hedge. In early autumn it becomes carmine, or blood-red.

Pkg. 10c; 1/2 oz. 25c; oz. 40c

Lantana

Mixed Hybrids. This very desirable, half-hardy greenhouse and bedding plant bears a constant profusion of verbenal-like heads of orange, white, rose, and other colored flowers and grows 2 to 3 feet high. Blooms summer till frost.

Pkg. 15c; large pkg. 40c

Lathyrus Latifolius

(Perennial Sweet Pea)

Showy, free-flowering, hardy perennial climber for covering stumps, fences, etc. They bear continuously from June until September, if kept picked, large clusters of Sweet-Pea-like flowers that are splendid for cutting. Grow well in almost any soil or location.

WHITE, PINK, RED, MIXED.

Pkg. 15c; 1/4 oz. 45c

Lavatera - Annual Mallow

Loveliness. A beautiful, very showy annual about 3 feet high and covered during the entire summer with large pink cup-shaped flowers. Very attractive for beds and borders.

Pkg. 15c; 1/4 oz. 45c

Linaria

Fairy Bouquet. An improved very compact Linaria, bearing large flowers of rose, pink, lavender red, carmine, white, salmon and violet. Grows 8 inches high.

Pkg. 15c; 1/8 oz. 45c



Annual Larkspur Makes a Brilliant Showing in the Garden and A Most Successful Cut Flower for the House

HART & VICK'S ANNUAL LARKSPUR

This is one of the best known of garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown outdoors before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds and their free, graceful habit and bright colors are very effective when planted in groups in the old-fashioned flower or shrubbery border. As a cut flower they are particularly useful. Please remember Larkspur seed requires cool weather for germination. Sow as early in the spring as possible. Fall sowing should be done in September.

Double Stock-Flowered Larkspur

A greatly improved variety of Annual Larkspur that branches out from the base and makes sturdy, upright stems 3 feet high on which are carried long, full spikes of very double flowers.

Dark Blue **Rosamond.** Rose.
La-France-Pink **Rosy Scarlet**
Lilac. Clear lilac. **Sky-Blue**
Los Angeles. Salmon. **White.** Pure white

Each of the above:

Pkg. 10c; 1/4 oz. 45c; 1/2 oz. 80c

Collection: One package each of the above—8 colors for 65c.

Mixed. A splendid mixture of many colors. Pkg. 10c; 1/4 oz. 35c; 1/2 oz. 65c

New Giant Imperial Larkspur

These new annual Larkspurs grow 4 feet tall and bear long, solid spikes of double flowers on each of the many branches.

Blue Bell. Clear light blue, double flowers

Brilliant Rose. New Deep salmon-rose suffused with carmine.

Carmine King. Rich deep carmine and salmon flowers on long spikes, with 3- to 4-foot stems.

Blue Spire. Intense deep Oxford-blue, double flowers in long, full spikes.

Dazzler. Rosy carmine, very double flowers on long stems.

Exquisite Pink Improved. A beautiful, soft pink flower that comes in very large trusses.

Gloria. Rich deep rose blooms in long spikes on stems 4 feet tall.

Miss California. Deep pink flower, shaded with salmon.

Pink King. Attractive, soft cream-pink.

Rosalind. Very lovely salmon-rose that holds its flowers a very long time.

Sweet Lavender. Clear, even lavender, the very best of this color.

White King. A new giant pure glistening white spike of large fully double flowers.

Giant Imperial Mixture. A superb blending of colors too numerous to mention.

Each of the above: Pkg. 15c; 1/8 oz. 35c.



Crystal Palace Lobelia—used more than any other kind for edging walks, drives and for borders.

Linum - Flax

Grandiflorum rubrum (Scarlet Flax). Brilliant single scarlet flowers about an inch in diameter. The 18-inch plant is in bloom during the entire summer, for while the individual flowers last but one day, new blossoms appear every morning. Pkg. 10c; 1/8 oz. 20c

FLAVUM. Golden yellow flowers from June to September. Dwarf plant, seldom more than 12 inches high. Excellent for borders because of the hardiness and long season of bloom. Pkg. 20c; large pkg. 50c

PERENNE. Blue flowers borne all summer. Plants 15 to 18 inches high and adapted for borders, rock gardens. Pkg. 10c; 1/4 oz. 30c

LOBELIA

For Vivid Blue

These bloom very quickly from seed and flower all through the season. For beds, edgings, baskets, and pots there is nothing prettier. Sow outdoors in the early spring, where the plants are to grow, and thin moderately to several inches apart.

Crystal Palace. Excellent for carpet bedding, seldom over 4 inches high. Deep blue flowers, small but effective in masses, dark foliage. The most popular variety. Pkg. 15c; 1/16 oz. 50c; 1/8 oz. 90c

Sapphire. A trailing kind, splendid for porch and window boxes and for hanging baskets. Big, deep blue flowers with large white eyes. Pkg. 15c; large pkg. 40c

You get the same seed for your garden as we furnish the florist whose living depends on the quality of the seed he sows.

Annual and Perennial Lupin

Annual Varieties

New Annual King Lupin. A greatly improved giant flowering strain, each plant having 4 to 6 spikes carrying many more flowers than the regular type. Very free blooming.

Dark Blue
Sky-Blue

Heliotrope
White

Mixed Colors

Pkg. 10c; 1/4 oz. 55c

By Far the Best of the Hardy Kinds is
Russell's English Lupin

Royal Horticultural Society Gold Medal

One of the finest perennials introduced in a decade. The lifetime work of an English gardener. Giant spikes 2 feet in length on 4- to 5-foot stems, brilliant self and bi-colors, rose, orange, deep yellow, purple, blue, heliotrope. A handsome hardy perennial plant that well deserves a place in every garden.

Pkg. (about 40 seeds) 25c; large pkg. 50c

Regal Lily - Lilium Regale

Gorgeous, trumpet-like, white, yellow and lilac flowers that are in bloom in June and July. Sweet scented. Grow 3 to 5 feet tall. Pkg. 15c

Lunaria Biennis or Honesty

Lilac-purple flowers followed by silvery seed pods. Dried for winter bouquets. An annual that self-sows itself. Pictured on page 36. Pkg. 15c

Matricaria. See Feverfew, page 35.

Marvel of Peru - Four O'clock

Mixed. An annual, easily grown from seed, which should be sown where the plants are desired, as they are not readily transplanted. The blooms open in the late afternoon, remaining during the whole night. Height 2 feet. Pkg. 10c; oz. 35c

Mignonette - Reseda

Allen's Defiance. This gorgeous Mignonette is deliciously sweet scented, a quality no other large flowering variety has. The individual florets are of immense size, forming a graceful, compact spike 12 to 15 inches long. A fine keeper, retaining its grace and fragrance until every bud opens. Pkg. 10c; 1/4 oz. 30c

Goliath Red. Giant red flowering variety, very fragrant.

Pkg. 15c; 1/4 oz. 50c

Matthiola - Evening Scented Stock

Lilac flowers that give off a delightful perfume in the morning and evening, and after a shower. In bloom from July to September. 15 inches high. Pkg. 10c; 1/4 oz. 30c; 1/2 oz. 50c

Mix your Petunia seed with sand or corn meal, one package of seed plus one quart of sand or corn meal, and sow broadcast early in the spring, just as soon as the soil is warm, right where you want the plants to grow and bloom. Don't cover the seed with soil; Nature will take care of that.

Nasturtiums give best results when grown in poor soil and in full sun. If those little black bugs get on the plants, spray with Black Leaf 40 or with one of the new DDT sprays. A 35c bottle makes 3 to 5 gallons of spray material, and be sure to wet the under side of the foliage.

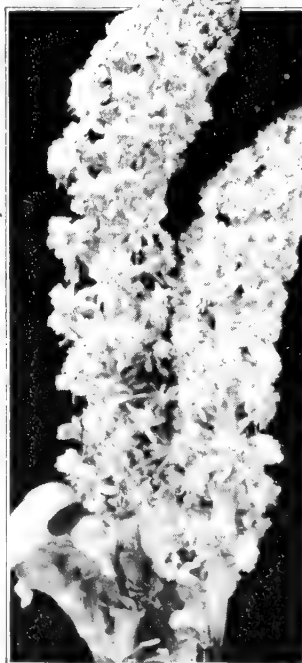
Tomato plants are thirsty individuals; they require quantities of water to do their best. Sink a small can in which you have punched some holes, near the plant, and fill it often with water in which you have dissolved a small quantity of Hyponex, the soluble plant food. The results will surprise you.



Old-Fashioned Four O'clock



Regal Lily From Seed



Allen's Defiance Mignonette



Russell's Lupin

MARIGOLDS The Best of the New and Older Varieties

From midsummer to fall, when other plants are past their prime, Marigolds afford a wealth of color that is invaluable.

AFRICAN MARIGOLDS

The African Marigolds are old favorite, free-flowering annuals of easy culture. They have uniformly large yellow or orange flowers, and are adapted for large beds or mixed borders. They succeed best in light soil, with full exposure to the sun. Splendid for cutting, as they keep in fine condition for a long time indoors.

All-Double Lemon. Giant quilled flowers, 4 to 4½ inches across, 100 per cent double, on long, strong stems, excellent for beds, borders and for cutting. Plants are very free blooming from midsummer until frost. They grow 30 inches tall. Pkg. 15c; ⅛ oz. 45c

All-Double Orange. Just the same as All-Double Lemon except with clear orange flowers. Pkg. 15c; ⅛ oz. 45c

Guinea Gold. Carnation-like flowers of rich orange flushed with gold, double and semi-double, with no singles. Plants bloom profusely until well into November. 2½ feet tall. Pkg. 10c; ⅛ oz. 35c

Lemon Ball. Large lemon-yellow, long stemmed flowers on 3-ft. plants. Come about 60 per cent full double. Pkg. 10c; ⅛ oz. 35c

Orange Ball. Just like Lemon Ball except with rich orange flowers. Pkg. 10c; ⅛ oz. 35c

Mission Giant, Goldsmith. All-America Bronze Medal, 1941. Giant incurved Chrysanthemum-like, golden orange flowers up to 3 inches in diameter and almost a perfect ball in shape. Early and very free blooming plants, grow 20 inches tall, and make many branches, each carrying a flower. A very lovely Marigold that deserves your attention. Pkg. 15c; ⅛ oz. 45c

Mission Giant, Yellowstone. 1942 winner. A true companion for the famous Mission Giant, Goldsmith, the Bronze Medal Winner of last year. Yellowstone is a lovely, clear golden yellow, incurved, chrysanthemum-like petals and very attractive. Sow the seed indoors and set the plants out early for it is rather late in flowering in our northern locations. Pkg. 15c; ⅛ oz. 45c

Sweet Scented Sunset Giants. Largest flowering of all Marigolds. Loose-leaf formed, full centered blossoms measuring 5 inches or more across. They come in a fine variety of colors, ranging from primrose through deep gold to golden orange. Plants about 3½ feet high. Pkg. 15c; ⅛ oz. 35c

Yellow Supreme. (1935 Gold Medal Winner.) Lemon-yellow or rich primrose, carnation-flowered type, fully double and with a distinct and sweet fragrance. Flowers freely until late frost kills the plants. Height 2 feet. Pkg. 10c; ⅛ oz. 35c

All-Double African, Mixed Colors. Orange and yellow, mixed. Pkg. 10c; ⅛ oz. 35c

FRENCH MARIGOLDS

Small Double and Single Flowers On Low Growing Plants

Few annuals are as effective in beds and borders as French Marigolds, or bloom for as long a period. Compact bushes, 12 inches high.

Early Dwarf Royal Scot. At last a distinctly low, bushy growing plant that bears from early summer until frost very double, distinctly striped mahogany and gold flowers. Pkg. 15c; ⅛ oz. 40c

French Double Mixed, Monarch Strain. Double flowers of yellow, orange, cream, brown, and old gold in a splendid mixture. A superior mixture. Pkg. 10c; ⅛ oz. 25c

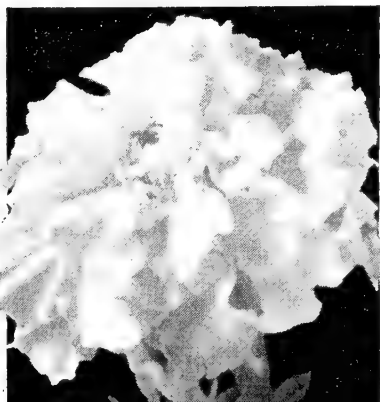
Harmony. (Early Flowering Strain.) In our trials this foot high plant was literally covered with dark maroon flowers with orange crests from early summer until frost. Pkg. 15c; ⅛ oz. 50c

Legion of Honor. (Little Brownie.) A single-flowering Marigold about 9 inches high; blooms in June and continues until late frost. Flowers golden yellow, marked velvety crimson. Pkg. 10c; ⅛ oz. 30c

From Vick's Illustrated Magazine March, 1878

The flowers of the well known Marigold were formerly used in soups and broths, and as a carminative, but they now are chiefly used to adulterate saffron.

Guinea Gold Marigold



Miniature Marigolds

Butterball. All-America Bronze Medal Winner, 1942. An exquisite little jewel bearing dozens of flowers of a lovely soft butter-yellow shade. Very dwarf in habit, the plants are 6 to 8 inches in height and literally covered with two-inch double blossoms throughout the summer. Pkg. 15c; ⅛ oz. 40c

Spry. Silver Medal, All-America, 1941. Plants bushy and thrifty growing, about 9 inches high, bearing very early in the season, double, light orange crested flowers with maroon outer petals. Pkg. 15c; ⅛ oz. 45c

Yellow Pigmy. Dwarf, compact, 8-inch plants covered with tiny double, lemon-yellow flowers. Splendid plant for borders. Pkg. 15c; ⅛ oz. 45c

Marigold, Pot o' Gold

Quite distinct from the general run of Marigolds, seeming to combine in one plant all the better qualities of other varieties. Plants are dwarf, 15 inches high, compact, free flowering and early blooming. Flowers are 4 to 4½ inches in diameter, of a rich golden orange and borne on 10- to 12-inch stems. Pkg. 15c; ⅛ oz. 45c

The Book of Perennials

(By Alfred C. Hottes)

Planning the Perennial Border; Garden Operations Calendar; Insects; Diseases; Propagation; Shady Places; Rock Gardens; etc. 280 pages; 103 illustrations. \$2.75; postpaid \$2.90

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Harmony Marigold



Flash Marigold

Flash Marigold

All-America Silver Medal Winner for 1945

The name Flash is descriptive of the bright combination of colors, especially good in the fall when cooler weather comes. These colors range from vivid red through bronze with some yellow flowers. Blooms are 1½ inches and more across and are borne profusely on bushy, 18-inch plants from early August until frost. Seed, 15c per pkg.; large pkg. 45c

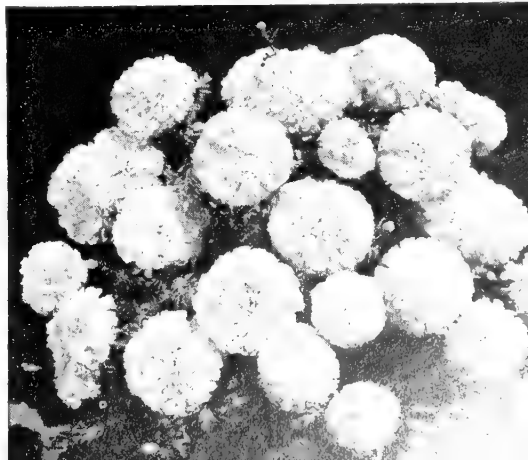


Signet or Scotch Marigold

Signet Marigold

Gnome (Tagetes signata pumila). A compact, bushy, dwarf plant covered with golden yellow flowers; foliage fernlike, a beautiful green. Splendid for beds and borders. Height 8 inches. Early summer to frost. Pkg. 15c; ⅛ oz. 45c

The Low Growing Marigold, Pot o' Gold





Morning Glory, Blue Star

MORNING GLORIES

Here is a group of the latest in Morning Glories—flowers are of magnificent size, yet still dainty and graceful.

Scarlett O'Hara. Entirely different from any other Morning Glory. The large carnelian-red flowers, about 3½ in. across, appear on the vine early in the season, about 65 days after seed is sown, and remain until frost. Blossoms stay open all day long. The vine makes an abundance of clean, rich dark green foliage. The foliage is "halberd" shaped rather than the heart shaped leaves of most Morning Glories. Pkg. 15c (will make a 15-ft. row); ¼ oz. 50c (for a 60-ft. row).

Blue Star. All-America Winner. A new color in Giant Morning Glories, a distinct shade of clear sky-blue accentuated by the fine deeper blue midribs to form an attractive star; a truly outstanding and most attractive shade. The flowers are of great size, being larger and earlier than the ever-popular Heavenly Blue, they average from 4 to 4¼ inches in diameter and are borne in great profusion. One of the most notable characteristics of this Morning Glory is the fact that the flowers remain open well into the afternoon on cloudy days. This new Ipomoea with its distinct bright color, giant flowers and early flowering characteristics is indeed a worthy addition to the annual climbers. Pkg. 25c; ¼ oz. 90c

Moonflower. Night blooming. Giant white. Covered with large white flowers every evening and cloudy day from July until frost. Quick growing; climbs 15 ft. and more high, with luxuriant foliage which provides splendid shade. Pkg. 15c; ¼ oz. 35c

Giant Flowering Mixed. Spotted, marbled and striped, snow-white to black-purple. Beyond question, the largest and brightest flowering of the class. Of the easiest culture, and can be sown in the open ground in a sunny position when the weather has become warm and settled. They soon cover a large area. The flowers are of gigantic size, and their colorings beautiful beyond description. The self or solid colors range from snow-white to black-purple, with all the possible intermediate shades. There are also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. Pkg. 10c; oz. 30c

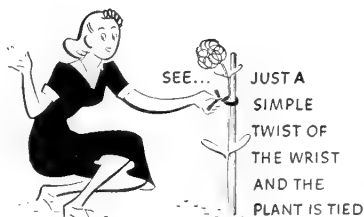
Heavenly Blue, Hart & Vick's Early-Flowering Strain. This beautiful blue Morning Glory has attracted much attention and has been greatly admired by many people. The vines make a growth of 15 feet or more, are covered with splendid light green foliage, and show, from July until frost, masses of pure sky-blue flowers delicately shading to white in the center. Pkg. 15c (will make a 15-ft. row); ¼ oz. 35c (for a 60-ft. row); oz. 95c

Pearly Gates. This annual climbing vine won the Silver Medal of the All-America Selection in 1942. The vine grows rapidly to a height of 15 ft. or more and bears fair quantities of lustrous white trumpet shaped flowers with creamy shadings in the throat. The flowers are large, about 4½ inches in diameter and in bloom from July to frost. Pkg. 15c (will make a 10-ft. row); ¼ oz. 50c

SURPRISE GARDEN FLOWER SEED

Here we offer a mixture of many easy growing annual flowers that can be sown broadcast, and with practically no care at all will produce a bright effect. Especially adapted for sowing in fence corners or along the fence, for borders, or any place that can have but little care and needs brightening up. Scattered broadcast along a pathway or drive, the flowers give color to dull places.

Lg. pkg. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50



TWIST-EMS. See page 60.

Hart & Vick's Flag Mixture of Morning Glories. Red, white and blue—a patriotic combination of giant flowering Morning Glories. Give them a prominent place in your garden this season. Pkg. 15c; large pkg. (enough seed to make vines to cover a 30-ft. fence or trellis) 35c.

Nemophila

Baby Blue Eyes

Insignis. An easily grown, very satisfactory early flowering annual bearing bright blue flowers on sturdy plants 6 to 8 inches high. Splendid in the rock garden, rock wall and for edging. Pkg. 10c; ¼ oz. 30c

Nemesia

Triumph Hybrids. Low growing, 7-inch plants for beds and borders, bearing, from midsummer until frost, cream, orange, yellow, crimson and orange, miniature, orchid-like flowers tipped with other colors. Pkg. 15c; large pkg. 50c

Blue Gem. A lovely blue bedding plant. Pkg. 25c

Myosotis Forget-Me-Not

A splendid half-hardy perennial, which should be treated as an annual, making very lovely beds and borders and delightful spots of color in the rock garden. Sow the seed in the spring for summer bloom and in the fall, protecting during the winter, for early spring flowers. The Alpestris varieties should be treated as annuals and prefer to grow in the sun. Palustris does far better in moist, shady places.

Sutton's Royal Blue (Alpestris). Compact plants 8 inches tall covered in the spring with rich, deep blue flowers. Pkg. 15c

Alpestris Rose. Plants similar to above but with rose-pink flowers. Pkg. 15c

Blue Bird (Oblongata). Deep blue. 12 in. high. Good for winter flowering as well as summer use. Pkg. 15c

Palustris Semperflorens. Dwarf plants, 6 inches tall, covered with large, rich blue flowers with a yellow eye from early spring until fall. Splendid for borders in moist, shady places along walks, drives, or around pools. Hardy here in the North but should be renewed often. Pkg. 15c; large pkg. 50c

Nierembergia

Purple Robe. Bronze Medal, All-America Selection, 1942. A charming annual blooming 15 weeks after seed is sown. Grows about 8 inches high and produces an abundance of showy, small, cup-shaped blooms of clear deep violet-purple shades. This plant is neat, compact, extremely free flowering, with a spread of some 10 to 12 inches. Makes a grand border and edging subject.

Pkg. 25c; large pkg. 75c

Purple Robe Nierembergia—Makes a Grand Border and Edging Plant

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Sutton's Royal Blue Forget-Me-Not



NASTURTIIUMS

Double Semi-Dwarf Fragrant Kinds

A very popular type of robust plant that throws out short runners and carries its double sweet-scented blossoms on long stems well above the foliage.

Golden Gleam. Full double, pure golden yellow blooms which are sweetly scented. Gold Medal, 1933 All-America Selections. Extra fine. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

Scarlet Gleam. A very vivid flower that puts a spot of color in any garden. A fiery orange-scarlet, very sweet scented. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

Supreme. Salmon-cerise double sweet-scented flowers. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

Glorious Gleam Hybrids. Blooms sweetly scented, with colors varying from cream-yellow to deep golden yellow, orange, cerise, salmon, crimson and others with spots and markings. Award of Merit, 1935 All-America Selections. Mixed colors. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

Dwarf Double Fragrant Kinds

Compact plants about 10 inches high, covered with double, sweet-scented blooms that are most attractive.

Golden Globe. Blooms are pure golden yellow, exceedingly large, double and semi-double. Received Award of Merit in 1936 All-America Selections. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

Scarlet Globe. Double scarlet flowers on dwarf plants. Pkg. 15c; oz. 45c; 1/4 lb. \$1.25

Mixture. A careful blending of several colors of the dwarf globe type of fragrant Nasturtiums. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

Single-Flowering Varieties

Hart & Vick's Tall Nasturtium Mixture. This is a special mixture of giant-flowering kinds in the brightest colors—fiery crimson scarlet, bright yellow, maroon, carmine-rose, salmon and cream. Pkg. 10c; oz. 30c; 1/4 lb. 90c; lb. \$2.75

Hart & Vick's Special Dwarf Mixture. We offer these low-growing Nasturtiums in a special mixture of brilliant colors which we believe cannot be surpassed.

Large pkg. 10c; oz. 30c; 1/4 lb. 90c; lb. \$2.75

Peat Moss Helps Make Gardening a Pleasure

A vegetable product splendid for mulching the Rose and perennial bed. It retains moisture, keeping the earth from drying and cracking, breaks up clay, and binds together sandy soils. Spread over and raked into the grass, it holds moisture and keeps the lawn green throughout the summer. 1 bale covers 600 sq. ft. 1/4 inch deep. Full bale \$5.25

Giant Exhibition Pansies



Nicotiana—Sweet Scented Tobacco



Golden Globe Nasturtium

Nicotiana

(Sweet-Scented Tobacco)

Affinis. An annual, with sweet-scented pure white, star-shaped flowers 3 inches across borne continually. Height 2 to 3 feet. Pkg. 10c; large pkg. 35c

Affinis Hybrids, Mixed. Includes many shades of rose, red and crimson. Delightfully fragrant. Showy and profuse. Pkg. 10c; large pkg. 35c

Crimson Bedder. Carmine-crimson, a most striking color and one which becomes more pronounced when contrasted with the white variety, N. affinis. The plants are about 20 inches high. They succeed in the garden or in pots for indoor blooming. Pkg. 15c; large pkg. 50c

A Mixture of Annual Flowers for the Rock Garden

This is a mixture of seed of many kinds of low-growing, long blooming, annual flowers for you to scatter broadcast in your rock garden. They will bloom from early summer until late fall. Work plenty of peat moss in and around the plants in your rock garden. The results will please you.

Rock Garden Annual Mixture.

Pkg. 20c; 1/4 oz. 45c; 1/2 oz. 75c

Hart & Vick's Giant Pansies

There are three seasons when you can successfully sow Pansy seed. Start it in the house in February or March and it will make plants that, when transplanted to the garden, will bloom from July on till frost. Sow seed outdoors in April and May, and the plants will bloom in the fall. Sow seed in cold frames during July and August, and transplant later to the garden; they will bloom the following spring. The largest and finest flowers are grown on a rich, well drained soil, in a sunny position in your garden

Four Splendid Color Mixtures

America. The seed of this Pansy, noted for its large size, beautiful form and marvelous range of color, is grown right here in this country. Plants are thrifty, compact growing and bear giant long-stemmed flowers early in the season. Pkg. 25c; large pkg. 75c

Roggli Special Mixture. Giant size, brilliantly colored flowers held erect on long, sturdy stems. The rich colors and great substance of the petals make this a magnificent Pansy mixture. Pkg. 25c; large pkg. 75c

Trimardeau Mixture. This is a very popular Pansy for beds and borders, for where it lacks size of flower it does have a wide range of color. Some of the blooms are self colors such as pure white, pure yellow, lavender, etc., others are prettily blotched. The plants are very robust and compact in growth and unusually free blooming. Pkg. 15c; large pkg. 50c

H. & V. Giant Exhibition. Needless to say this mixture, made up, as it is, of the many colors and shades of Mastodon varieties, has no superior among Pansy mixtures. It will make wonderful borders and beds in the garden. The finest strains of named varieties are put together to make the most beautiful combinations of color. Long stems, fine for cutting. Pkg. 25c; large pkg. 75c

Roggli Giants In Separate Colors

Alpenglow. Rich velvety garnet.

Berna. Velvety dark blue.

Coronation Gold. Clear, rich golden yellow.

Jungfrau. The finest all pure white Pansy.

Rheingold. An intense yellow with brown blotch on lower petals.

Ullswater (Lake of Thun). Rich ultramarine-blue, having a darker blue blotch on the petals.

Any of above: Pkg. 25c; large pkg. 75c



The Lovely Glamour Petunia

PETUNIAS

*They Bloom
All Summer*

SINGLE FLOWERED BEDDING PETUNIAS

Admiral. Large, rich violet-blue flowers with waved petals. This is the best of the dark blue Petunias of medium size.
Pkg. 25c; large pkg. 75c

Blue Bedder. The color of Jersey Gem Viola. A lovely color in a good sized flower, borne profusely on plants 18 inches high.
Pkg. 15c; large pkg. 50c

Blue Heaven. A particularly good strain of this most popular light blue Petunia. Grows 12 inches high.
Pkg. 15c; large pkg. 75c

Burgundy. A deep red contrasting boldly with a snowy white throat. Difficult to combine with other colors, but make splendid specimen plantings. Plant robust growing, 18 inches high.
Pkg. 25c

Celestial Rose. The brilliant rose-pink flowers are of large size, with wide open trumpets and indistinct cream throats. Plants are thrifty, compact and about 15 inches high. This Special Strain of Celestial Rose is a most prolific bloomer. Quantities of flowers from early summer until frost.
Pkg. 25c; 1/16 oz. 85c; 1/8 oz. \$1.40

Elk's Pride. Very large deep violet-purple flowers. Best of all purples.
Pkg. 25c

Elk's Star. A new starred Petunia of exceptional uniformity. The blue-purple flowers are all uniformly marked with a pure white star. In the field every flower was marked exactly the same. The low growing plants make a uniformly neat, upright growth and the flowers are very thickly massed all over the top. It combines particularly well with Rosy Morn for both height of growth and a pleasing color arrangement.
Pkg. 25c

Flaming Velvet. Large dark velvety scarlet flowers that attract admiration everywhere. Plant healthy, 20 inches tall; blooms abundantly.
Pkg. 15c; large pkg. 50c

Howard's Star Improved. The best strain of this lovely variety we have ever had in our Trial Grounds. Bright rose crimson flowers marked with a white star.
Pkg. 15c; 1/16 oz. 45c

Igloo. Bronze Medal All-America, 1943. The very best low-growing, medium flowered white Petunia. Ideal for borders, edging, window boxes and urns. Blooms early and continues until frost.
Pkg. 15c

King Henry. Large, rich velvety red flowers on uniformly low-growing, compact plants.
Pkg. 15c; large pkg. 55c

Radiance. Silver Medal Winner, 1941. Rich cerise-rose flower of good size, the brilliance intensified by underlying salmon. Golden-yellow-brown veined throat.
Pkg. 25c; large pkg. 75c

Rosy Morn Improved. A greatly improved type of that great favorite pink Petunia with the white throat. Grows 15 inches high.
Pkg. 15c; 1/16 oz. 45c; 1/8 oz. 80c

Snowstorm. Well deserving of all the attention it attracts, this giant wavy petalled pure white flower easily holds its place at the head of the list of large white Petunias. Not only is Snowstorm most beautiful in the garden when used in combination with other flowers, or in solid beds by itself, but is also a lovely flower to cut for bowls and vases for the house. Use Snowstorm freely in your planting plans. The sturdy 18-inch plants bear these giant flowers in profusion all summer long.
Pkg. 25c; large pkg. \$1.00

Hart & Vick's Mixture of Bedding Petunias

This is a careful blending of a great many varieties of low growing Petunias, having a wide range of color. We make this mixture right here in our own warehouse, insuring you a rainbow color range that cannot be excelled.
Pkg. 15c; large pkg. 45c

GIANT RUFFLED PETUNIAS

Glamour. Honorable Mention, All-America Selections. Easily the most striking Petunia grown. Outstanding salmon-rose coloring, delicately veined brown, with cream and bright apple-green throat. Blossoms are 5 to 6 inches in diameter and heavily ruffled. Strong, thrifty plants with a wealth of foliage, grow about 18 inches tall and bloom continually from early summer until frost.
Pkg. 25c

Little Giant Mixture. We are proud to offer this new type of Petunia. The 8-12 inch tall plants remain so neatly compact and erect all season it is sure to be a favorite for bedding and pot plants. The medium sized, well ruffled and waved, deep throated flowers continue to keep the plants completely covered. The unusually attractive colors range through almost every imaginable shade and combination of markings. A pleasing balance of light and dark shades.
Pkg. 25c

Dwarf California Giants. Largest of all Petunias. A splendid new low growing, giant, ruffled flowered Petunia that comes in many beautiful colors, with wide open mouth, and wonderfully veined and feathered throats. Of free flowering habit and dwarf growth.
Pkg. 25c

Ruffled Giant Mixture. This is as fine a strain as can be had anywhere, coming in a wonderful variety of colors, ranging from pure white veined with lavender, crimson, rose, and gold to the almost black, velvety crimson-maroon flowers with its threads of white, yellow, lilac, and rose. Every color and combination of tints and colors is represented.
Pkg. 25c

Theodosia. Deep golden throated, large ruffled, single rose-pink. Grows about 18 inches tall, bears abundance of flowers and is a variety for everyone's garden.
Pkg. 25c

Balcony Petunias Mixed Colors

A very large flowering type used for window and porch boxes, hanging baskets, also make splendid large beds and tall, wide borders.

A splendid mixture of varieties giving a good depth of color.
Pkg. 25c

← Dwarf California
Giant Petunias

→ Celestial Rose is a lovely
Petunia for beds and borders



Hart & Vick's ANNUAL PHLOX

This is one of the most brilliant and at the same time one of the easiest and most satisfactory plants readily grown from seed. It will grow and thrive in any kind of soil if given a sunny location, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. Grows 15 inches tall.

Tall Large Flowering Phlox

(Phlox Drummondii Grandiflora)

Many-branched, 15-inch plants bearing large flower clusters in brilliant colors.

Flesh-Pink Rose **Scarlet White** **Yellow Violet**

Any of above: Pkg. 15c; 1/8 oz. 65c

Finest Color Mixture. Blended from the above separate colors right here in our warehouse. Truly a brilliant mixture.

Pkg. 15c; 1/8 oz. 65c

Giant Flowering Phlox

Very large individual florets often 1 1/2 in. across, on strong, 10-inch plants. A much improved strain of this favorite flower.

Red Glory. Brilliant red with large cream eye.

Rosy Morn. Deep rose-pink with white eye.

Salmon Glory. Rich salmon with a cream eye.

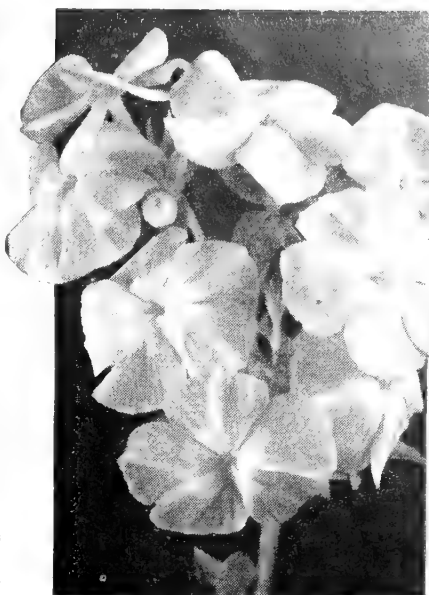
Each of above:

Pkg. 15c; 1/8 oz. 75c; 1/4 oz. \$1.25

Starred and Fringed

Brilliantly colored flowers with fringed and pointed petals, many artistically starred. 1 ft high. Splendid color mixture.

Pkg. 15c; 1/8 oz. 65c; 1/4 oz. \$1.15



Giant Phlox, Salmon Glory

Hardy Perennial Poppies

ORIENTAL. Nothing excels these giant perennials for gorgeous display in the garden during May and June. Their large flowers and freedom of bloom make them conspicuous whether planted singly or in masses. Sow the seed early in April. The plants disappear during July and August, appearing again when the weather is cool. When fall growth starts, transplant to their permanent bed.

SCARLET. Gorgeous orange-scarlet. Pkg. 15c

HYBRIDS, MIXED. A good mixture of many of the Oriental Poppies. Pkg. 15c

ICELAND POPPY

(Papaver Nudicaule)

A hardy variety. Charming in the rock garden and border where they show their brilliant flowers in the early summer. Will flower the first year if the seed is sown early. Grow 18 inches tall.

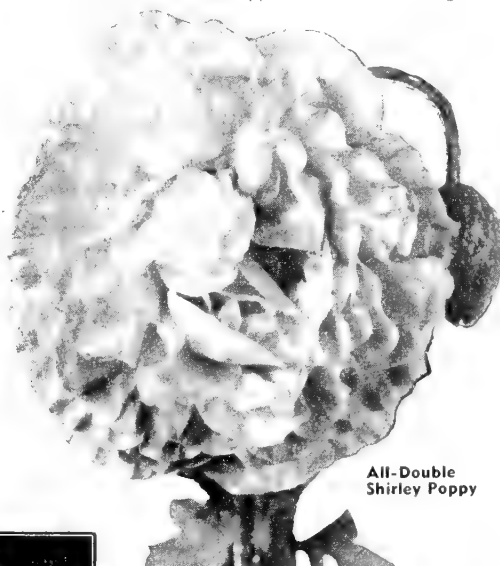
Orange White **Red Pink** **Yellow**

Each of above:
Pkg. 15c; large pkg. 60c

KELMSCOTT STRAIN OF ICELAND POPPIES MIXED.

The flowers of our new KelmScott strain are larger than we have ever seen on any variety of Iceland Poppy, often measuring as much as 3 inches across. The color range leaves nothing to be desired.

Pkg. 15c; large pkg. 60c



All-Double Shirley Poppy

Double Portulaca



Portulaca - Sun Plant

Does Particularly Well in Hot, Dry Places

This charming little hardy annual is unrivaled for brilliancy. Nothing is prettier for beds, edging, and rockwork, and it is frequently used to sow broadcast over sunny banks, etc. As an undergrowth for taller plants it is also valuable. The seed does not germinate until hot weather, and should be sown late. Flowers richly colored, and produced all summer. Average height 6 inches.

Double Flowering Mixed Colors. Fiery double, roseline flowers in many brilliant colors.

Pkg. 15c; 1/16 oz. 50c; 1/4 oz. \$1.45

Single Flowering Mixed Colors. Single flowers in many bright colors.

Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 85c

Scarlet Oriental Poppy

Annual Poppies

American Legion. The giant orange-scarlet flowers of this Shirley Poppy, held erect on long, strong stems, make it a splendid sort for beds and for planting among the shrubbery.

Pkg. 10c; 1/4 oz. 25c; 1/2 oz. 40c

All-Double Shirley. Many silky petals, the inner rows fluted and frilled. The same range of brilliant colors as the Single Shirleys. Pkg. 10c; 1/4 oz. 25c; 1/2 oz. 40c

Shirley, Mixed. These are by far the best of all Single Poppies. They range in color from the purest white to the deepest crimson and blood-red, through all the intermediate shades of pale pink, rose, and carmine. Many are daintily edged and striped, and so varied are their colors that rarely are any two flowers alike.

Pkg. 10c; 1/4 oz. 25c; oz. 70c

PLATYCODON

(Chinese Bell Flower)

They resemble Campanulas with dainty blue bell flowers on graceful stems, and are effective in the border foreground. They flower from June to September. Two feet.

Pkg. 15c





Starlight Rudbeckia is excellent for garden display and fine for cutting.

Primula - Primrose

Japonica. A very lovely Primrose producing long spikes of bloom from crimson to rose to almost white. Pkg. 15c

Polyanthus, Giant Mixed. Clusters of very large flowers in brilliant orange, yellow, cream, white, pink, rose, crimson, purple, blue, etc. Splendid for beds and borders. Prefers a moist, shady spot. Blooms in April and May. Pkg. 25c

Pyrethrum

(Painted Daisies)

This beautiful perennial is so easy to grow, so perfectly hardy, and so satisfactory in every way that it deserves a liberal amount of space in every garden. Nothing can surpass Pyrethrums in profusion of flowers in June and in the fall. The blossoms are not injured by rain or sun, and their long, stiff stems and unusual keeping qualities make them ideal as cut flowers. Height 18 inches.

Roseum Hybridum. Both double and single flowers in many bright colors in this mixture. Pkg. 25c; large pkg. 75c

Single Flowering Mixed Colors. Large single, daisy-like flowers with long, narrow petals and borne very freely throughout the spring on wiry stems 2 feet tall. Mixed colors. Pkg. 15c

Ricinus - Castor-Oil Plant

Annual plants desirable for screens or the center of beds because of their large growth and tropical appearance.

Zanzibarensis. Leaves often 2½ feet across, marked with brown and purple spots. Pkg. 10c; oz. 25c

Rudbeckia - Coneflower

Starlight. Honorable Mention, 1942, by the All-America Selection Committee. Large flowered, semi-double and full double annual flowering Rudbeckia. Very free blooming. Colors from primrose-yellow to mahogany and bicolor flowers with mahogany-red centers. Branching plants grow about 3 feet tall. Attracted much attention last season. Pkg. 15c; ⅓ oz. 50c

Salpiglossis - Velvet Flower

Hart & Vick's Finest Mixture. If you do not know this beautiful trumpet-shaped annual, you should grow it this year. The petals are velvety in texture and richly marked with crimson, primrose, yellow, blue, purple, white, overlaid and striped with gold and silver. They are showy and beautiful beyond words. The plant grows readily in sandy soil and partial shade, blooms early and all summer. It deserves a place in every garden. Height 2½ ft. Blooms July till frost.

Pkg. 15c; ⅓ oz. 35c; ¼ oz. 60c

Saponaria

Vaccaria. An annual rock plant that grows 2 feet high and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila. A most excellent flower for cutting.

Pkg. 10c; ½ oz. 35c; oz. 60c

Scarlet Runner Bean

A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible Beans which succeed the sprays of bright scarlet, pea-shaped blossoms.

Pkg. 15c; ½ lb 35c; lb. 65c

SALVIA

(Scarlet Sage)

The brilliant flowers of this popular annual on long, stately spikes standing well above the foliage, are borne until frost and give this plant a prominent place in every garden. Extensively planted in flower beds and as a border plant. Start seed in boxes or under glass in February and March and transplant when all danger of frost is past.

America or Globe of Fire. Grows 16 inches high and blooms early, freely and continuously. Very uniform in form and height, it is particularly valuable for bedding and for borders.

Pkg. 25c; ⅓ oz. \$1.00

Bontire or Clara Bedman. Grows 24 inches. Dense, dark green foliage on erect, sturdy, globe-shaped plants. The flowers are large and of unusually bright scarlet-red. An old favorite Salvia. Pkg. 25c; ⅓ oz. \$1.00

BLUE BEDDER. Extra large, deep blue flowers on stems about 2 feet high. Very fine for garden use and for decorative purposes indoors. While it is considered an annual, it will live through the winter if protected.

Pkg. 25c; ⅓ oz. 75c; ¼ oz. \$1.35



Ricinus or Castor Oil Bean

Schizanthus (Butterfly Flower)

This dainty and very pretty annual flower is very quick to bloom, the seed making plants that in a few weeks are so covered with delicate and charming blossoms, all blotched and marked in contrasting shades and colors, as to completely hide the foliage. Sow in the early spring for garden plants.

New Giant Hybrids. Unusually large flowers in a fine mixture of colors. Plants are very free blooming. Height 2 to 2½ feet.

Pkg. 20c; large pkg. 75c

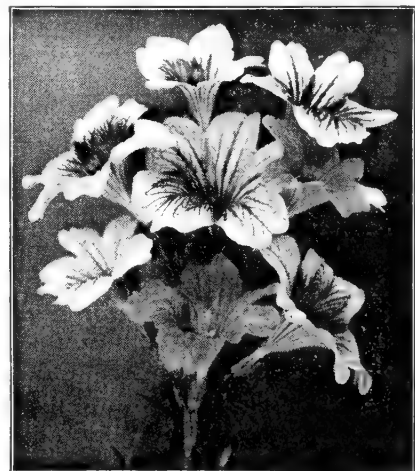
Shasta Daisy

Conqueror. One of our most popular perennials that grows well and blooms abundantly in almost any situation. This greatly improved type has giant, pure white flowers 4 to 5 inches in diameter on stems 2 to 2½ feet long.

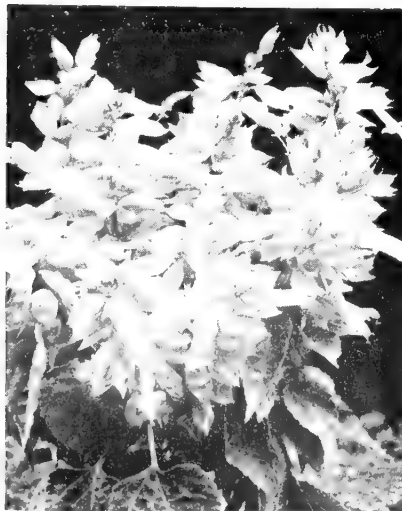
Pkg. 15c; large pkg. 35c



Brilliantly colored Daisy-like flowers of Single Pyrethrum are splendid for cutting.



Trumpet-like, velvety petaled flowers of Salpiglossis in bright colors veined silver and gold.



Globe of Fire Salvia—blooms from early summer until frost.



A most attractive corner in your garden is where your Shasta Daisies are blooming.

Hart & Vick's SCABIOSA

This annual deserves a space in your garden. It is very easily and quickly grown, blooms very freely during the summer and fall, and is one of the finest of all cut flowers for the house. Average height 1½ feet. Sometimes called Pincushion Flower because the stamens in many colors are very prominent and resemble somewhat pins in a pincushion. This strain we offer is much better than ordinary Scabiosa. Through years of careful selection the size and color of the flower and the length of stem have been improved.

Azure Fairy. Large, azure-blue flowers with pale blue stamens.

Fire King. Fiery scarlet.

King of the Blacks. Very dark, almost black.

Rosette. Salmon-rose; double, very large.

Peach Blossom. Large, peach-blossom-pink.

Salmon Beauty. Very large rich salmon.

Shasta Improved. Pure white, 3½ inches across.

Each of the above, pkg. 15c; large pkg. 45c

Giant-Flowering Mixture.
Pkg. 10c; ⅛ oz. 25c; ¼ oz. 40c

THREE NEW SCABIOSA Double Giant Flowered

Black Knight. Outstanding very dark maroon-red.

Pink Beauty. Clear soft pink. Very large well-formed flowers.

Oxford Blue. A deep rich tone of blue never before seen in Scabiosa.

Each of the above, pkg. 25c; large pkg. 75c

SCOTCH MARIGOLD

(*Tagetes signata pumila*)

Gnome. A compact, bushy, dwarf plant covered with golden yellow flowers; foliage fernlike, a beautiful green. Splendid for beds and borders. Height 8 inches. Blooms from early summer to frost.

Pkg. 10c; ⅛ oz. 45c

SOLANUM

Hlavacek's Masterpiece. Christmas Cherry for pot culture. A uniform, compact plant with deep green foliage and prominently displayed, large, brilliant red fruit.

Pkg. 50c

STATICE

(Sea Lavender)

Sinuata. The annual Statice is a very charming flower in the garden and when cut and dried for winter bouquets it retains its true color. Height 18 inches

Rosea. Rose. **White**
Kampf's Blue

Each of above: Pkg. 10c; ¼ oz. 25c

Collection: One package each of the above—3 colors for 25c.

Mixed Colors. A good mixture of the popular colors.

Pkg. 10c; ¼ oz. 25c

LATIFOLIA. A splendid, hardy perennial Statice growing 2 feet high and bearing, all summer long, panicles of minute lavender flowers which can be dried and used for winter bouquets.

Pkg. 10c; large pkg. 45c

Stock, Early Giant Imperial

Hardy Perennial

Scabiosa

CAUCASICA, GIANT HYBRIDS, ISAAC HOUSE STRAIN.

Giant flowers whose petals are crinkled and ruffled and whose color range is from white to the darkest blue, with delicate lilac and mauve predominating. A magnificent new strain of hardy Scabiosa whose giant flowers on very long, strong stems, make it ideal both for garden decoration and for cutting. Grows 30 inches high and blooms all summer long

Pkg. 25c; large pkg. 75c

COLLECTION of Seven Scabiosas

Blue Black Pink Rose
Salmon Scarlet White

1 pkg. of each for 85c



Statice Sinuata for Winter Bouquets

SWEET WILLIAM

A well known, attractive, free-flowering hardy plant, bearing in the early summer flowers of rich and varied colors that make a splendid show in beds and borders. Height 1 to 1½ feet. May to June.

PINK BEAUTY. Strikingly beautiful salmon-pink flowers on massive heads 18 inches high. For mass planting it is very effective.

Pkg. 10c; ⅛ oz. 50c

SCARLET BEAUTY. A very effective, rich, deep scarlet variety.

Pkg. 10c; ⅛ oz. 50c

WHITE GIANT. A new pure white with flowers almost twice the size of the ordinary variety.

Pkg. 10c; ⅛ oz. 50c

DOUBLE, MIXED. Double flowers in a splendid mixture of colors.

Pkg. 10c; ⅛ oz. 50c

HOLBORN GLORY. A large-flowered variety with a superb range of color, all showing a clear white eye.

Pkg. 10c; ⅛ oz. 50c



A Greatly Improved Strain of Annual Scabiosa

STOCKS - Gilliflower

The best way to grow these plants successfully, is to start the seed indoors early, in boxes or pots, and transplant to the garden when danger of frost is past. If you can't do this, sow the seed outdoors in the garden early, in a rich, rather light loam soil, mixed with peat moss and well-rotted manure. Stocks require cool growing weather to blossom well

Early Giant Imperial Stocks

Plants about 30 inches high, branching in habit and bearing long spikes of double flowers. Desirable for both the garden and the greenhouse.

Mixed Colors. Pkg. 15c; large pkg. 50c

Ten-Week Stocks

This is the favorite class for outdoor growing. The dwarf, compact plants, 12-15 inches tall, come into bloom earlier than other types.

Blood-Red
Bright Pink
Deep Cream
Deep Rose

Lavender
Pansy-Violet
White

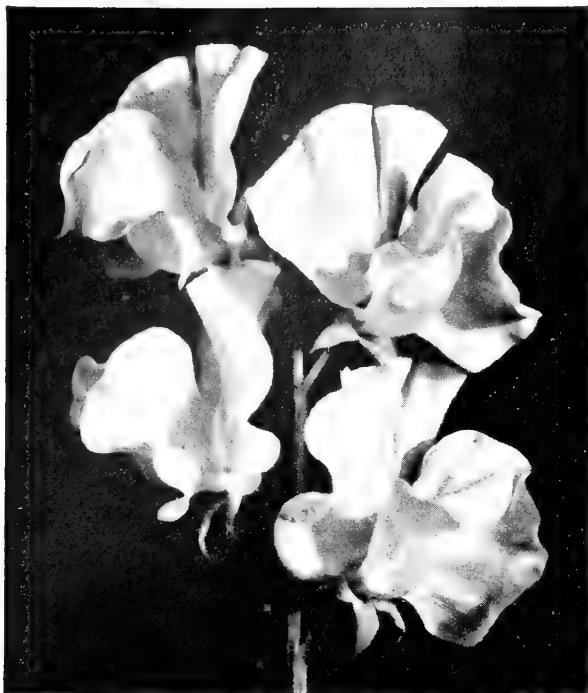
Any of above kinds: Pkg. 15c; ⅛ oz. 50c

Collection: One package each of the above—7 pkgs. for 85c.

Mixed. Many colors. Pkg. 10c; ⅛ oz. 45c

Sweet William Makes a Splendid Display





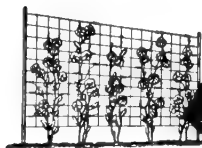
Hart & Vick's Mixture of Giant Ruffled Sweet Peas

Large flowers so much ruffled as to appear double. The stems are long and strong, and generally carry three, and many times, four flowers. We offer you these Ruffled Sweet Peas in a mixture of lovely colors in a very wide range. We feel sure that it will please the most critical gardener. Pkg. 15c; oz. 35c; 1/4 lb. \$1.00

How to Grow Sweet Peas Successfully

Dust your Sweet Pea seed with Nitragin and sow as soon as the ground can be worked in the spring. Dig a trench about a foot wide and deep, fill in with 6 inches of well-rotted stable manure; tread down firmly and replace the good garden soil. Draw a single straight line in the middle of the prepared surface, about three-fourths inch deep; sow seed at even distances of about 3 inches and cover. When the plants grow about 3 or 4 inches high, thin out to 6 inches from each other. As soon as the vines reach a height of about 8 inches, proper supports should be provided.

The Sweet Pea is a moisture-loving plant, and by the month of May the plants will require water. Use a mulch of old stable manure or peat moss and soak well with the hose as needed.



**NEW!
DIFFERENT!**

Weatherized TRELLIS NETTING

Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) *Doesn't rot like string—lasts several seasons.* In 3 sizes:

No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3, 60x180 in., \$1.25.

TRAIN-ETTS

Spring Flowering Sweet Peas New Cuthbertson Strain

The newest introduction in Sweet Pea development. While their stranger growth makes them a week or ten days later than the Early Flowering, and before the Spencer varieties, they are generally longer stemmed and last longer into the spring, and they are more heat resistant.

These twelve varieties we have selected as the best of this new class of Sweet Peas.

Carol. Clear pink on white ground.

Coline. Vivid, intense scarlet.

Danny. Brilliant deep marine-blue.

Evelyn. Extra long-stemmed; soft salmon-pink.

Frank G. Fine, soft, rosy lavender. Named for the originator of the new Cuthbertson strain.

Janet. Large, frilled flowers of pure white.

Jessie. Mauve.

Kenneth. Crimson.

Liza. Maroon.

Lois. Rose-pink. Silver Medal, Scottish Sweet Pea Society.

Marion. Cream. Black-seeded.

Tommy. Blue. First Class Certificate Scottish Sweet Pea Society.

Spring Flowering Mixed.

Any of the above:
Pkg. 25c; oz. 85c; 1/4 lb. \$3.00.

SWEET PEAS

Choice Spencer Varieties

From the long list of Sweet Peas of this wonderful Orchid-Flowering class, we have selected fifteen which in our judgment and experience are the best for the garden. New kinds, if they are better than the ones now on our list, will be added as they are produced. One package will plant a row about 10 feet long; an ounce about 35 feet.

Ambition. Very large, waved, clear lavender blooms.

Flagship. A clear and distinct amethyst-blue. Often four to the stem.

Avalanche. A giant flower of glistening pure white. Best pure white.

Barbara. Lovely rich salmon. Three and four to the stem.

Bonnie Briar. A very large rose-pink.

Charming. Rosy cerise. The character is well indicated by the name.

Daffodil. Rich deep cream. The best of its color, and a strong grower.

Leviathan. Rich maroon. One of the finest of the new Sweet Peas.

Miss California. Delicate salmon, cream and pink.

Pinkie. Largest of all deep pink Sweet Peas. Always a garden favorite.

Pirate Gold. Rich and lovely golden orange.

Powerscourt. Lovely waved flowers of clear soft lavender.

Red Boy. Long-stemmed rich crimson.

Royal Purple. In our opinion the very best purple.

Sunkist. Cream-colored petals edged with rose.

Each of the above named Sweet Peas: Pkg. 10c; oz. 35c; 1/4 lb. \$1.00.

Collection: One package each of the above—15 varieties for \$1.25.

HART & VICK'S Exhibition Mixture SPENCER SWEET PEAS

This mixture contains the best of the named varieties, giving an extremely wide range of color. You will find it the loveliest blend of colors imaginable. A single package will give you a display about 7 feet long, but for a perfect garden planting, you should have not less than an ounce of this mixture which will plant a single row about 25 feet long.

Pkg. 10c; oz. 30c;
1/4 lb. 90c; lb. \$3.00

Blue Ribbon Collection of SPENCER SWEET PEAS

9 packages for 65c.

Avalanche. White.

Sunkist. Picotee.

Pinkie. Pink.

Charming. Cerise.

Pirate Gold. Golden orange.

Leviathan. Maroon.

Flagship. Blue.

Royal Purple. Purple.

Powerscourt. Lavender.

One package each of the above 9 varieties—a garden full of Sweet Peas—for 65c.



**Nitragin Makes for Better
Sweet Peas**

A 15c package will treat a pound of seed. Just dust the seed, and plant. Order it now.

Early Flowering Sweet Peas

This new race of Sweet Peas has the large, waved and frilled, long-stemmed flower of the Spencer Orchid-Flowered type, but blooms a month early. If you will keep them picked they will flower for three months. Plant them early. They are particularly adapted for growing under glass during the winter and for outdoor growing in the southern part of the country, where the summer-flowering kinds have not proved satisfactory. Complete cultural directions on every package of seed.

Ball Orange. Rich deep orange.

Ball Rose. Improved rich rose.

Bridesmaid. Large flowered, silvery pink

Harmony. Early blooming clear lavender

Hope. Just about the finest pure white.

Mrs. Hoover. Splendid clear blue.

Shirley Temple. The new giant rose-pink

Top Sergeant. Rich, vivid scarlet.

White Harmony. Glistening white.

Each of the above Sweet Peas:
Pkg. 15c; 1/2 oz., 35c.

Early Flowering Mixed. A splendid mixture of all the above kinds and many others.

Pkg. 10c; 1/2 oz. 35c; oz. 65c; 1/4 lb. \$2.00
For lovelier Sweet Peas, follow our planting directions very carefully.



Tithonia

Tithonia - Mexican Sunflower

Avalon Earliest. This is the variety to grow where the seasons are somewhat short as it blooms a month earlier than the older kinds. Large orange-colored flowers 3 to 4 inches across, carried on stems 3 feet long. The plant is shrubby in growth, about 7 feet tall and makes a superb background for the flower garden. Pkg. 20c

Tritoma - Red Hot Poker

HART & VICK'S NEW HYBRIDS. This new race of perennial Tritomas begins flowering in May and continues to bloom throughout the fall. The giant spikes, varying in height from 2 to 4 feet, have brilliant flowers in orange, coral-red, fiery crimson, salmon-pink, and lemon-yellow. Pkg. 15c; large pkg. 50c

Venidium - African Daisy

Fastuosum. A Daisy-like flower from South Africa. The petals are brilliant orange, with a purple-black zone at the base, forming a complete circle around the dark centers. The plants attain a height of 2 to 3 feet, and carry many long flower stems. Sow seed in worm soil, in a sunny place. Pkg. 15c

Virginian Stock

Mixed. A charming, early blooming annual especially adapted for beds and borders where its bright little flowers in red, rose and white make a splendid display all summer. Pkg. 10c; 1/2 oz. 20c; oz. 35c

We put the same top quality seed in our retail packets as we furnish the most critical florist.

VIOLA - Tufted Pansy

No flower is more well thought of in the perennial garden than the Violas. These dainty little hardy Pansies are easy to grow and can be depended on to be in full bloom from early summer until hard frost. Lovely in beds, edgings and rockeries. If the winters where you live are too severe and the plants will not live through, grow them as an annual flower. They will bloom the first year if you sow the seed early.

ARKWRIGHT RUBY. Large flowered ruby-red; very long stems. Pkg. 35c; large pkg. 75c

BLUE PERFECTION. Bright clear blue. Pkg. 15c; large pkg. 50c

BLUE ELF. Deep violet-blue upper petals with lower ones light violet-blue, with a gold eye and black lines radiating from the center. Flowers 3/4 inch across, small dark green foliage. A perennial best treated as an annual. Seed sown in March will begin to bloom in June and continue all summer. Pkg. 25c

CHANTREYLAND. A new variety of great beauty. The color is a bright apricot, and extremely brilliant. The blooms are produced freely from spring until late autumn. Highly recommended. Pkg. 25c; large pkg. 75c

LUTEA SPLENDENS. Large clear sulphur-yellow flowers on tall strong stems, very good. Pkg. 15c; large pkg. 45c

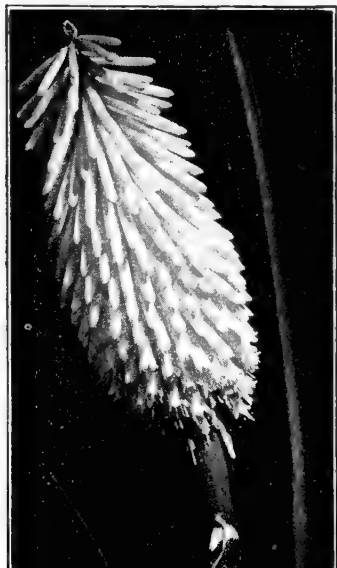
WHITE PERFECTION. Pure white; waxy. Pkg. 15c; large pkg. 45c

MIXED. A splendid mixture of the best varieties. Pkg. 15c; large pkg. 45c

Annual Wallflower

Early Wonder. We offer a greatly improved double-flowering annual kind that blooms from seed in 90 days. The colors include canary and golden yellow, brown, russet, and mahoganies. Height 12 to 18 inches. Very fragrant and particularly adapted to growing in beds and for growing in pots. Pkg. 15c; 1/4 oz. 60c

New Hybrid Tritoma or Red Hot Poker



New Giant Verbenas

During the past ten to twelve years wonderful improvements have been made in Verbenas. These newcomers are far finer in color, in freedom of bloom, and in habit of plant than the old sorts. They bloom prolifically from June until late frosts and are always a bright spot in the garden. Sow the seed indoors, and transplant for early flowers; for later blooms, sow outdoors in May. Height 8 to 12 inches.

Luminosa. Flame-pink, shaded with salmon, flesh and coral. Extra large.

Royal. Royal blue with a creamy yellow eye.

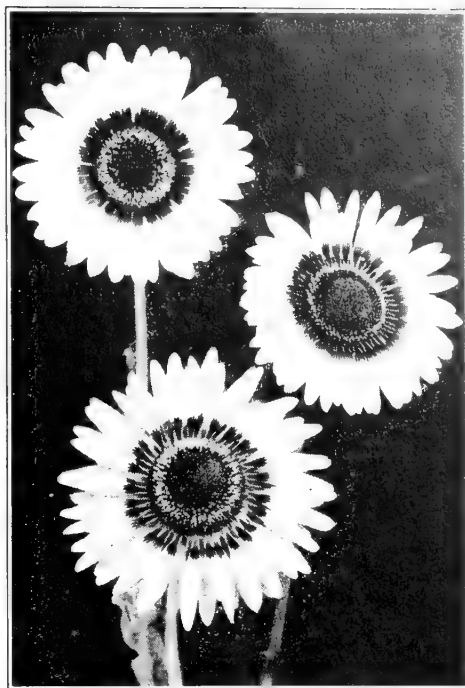
Salmon-Pink. Rich salmon.

Spectrum Red. Brilliant red without eye.

White. Snowy white.

Any of above: Pkg. 15c; large pkg. 50c

New Giant Verbenas in Mixed Colors. One of the finest mixtures of Verbenas that we have ever seen. It includes a large number of varieties and will give a marvelous display of colors. Especially adapted for large beds. Pkg. 15c; large pkg. 35c

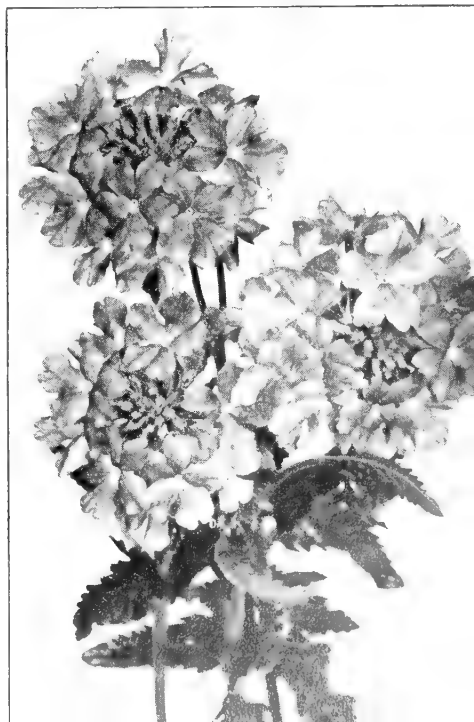


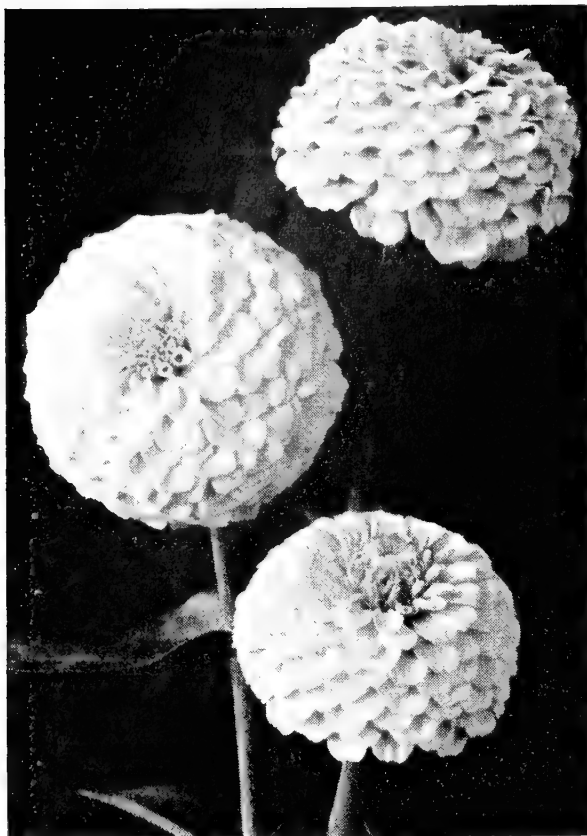
Venidium is Called African Daisy



Viola, Blue Elf

Greatly Improved New Giant Verbena

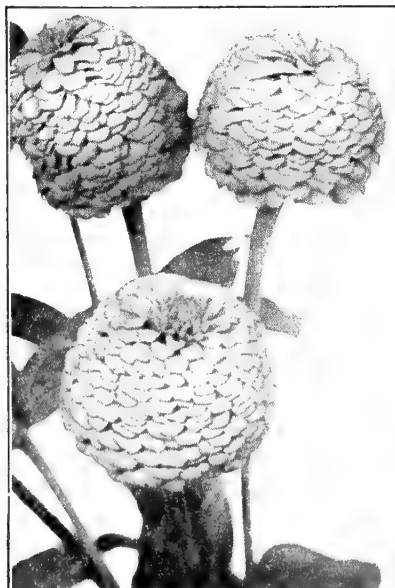




Cut-and-Come-Again Zinnias are very colorful

Garden Guide. A Complete Handbook for the Amateur Gardener. A book that thoroughly covers every step from spading the ground to harvest. Flowers, vegetables, fruit, lawns, shrubs, evergreens, spraying, tools. 576 pages and over 300 illustrations. Cloth bound. \$3.50; postpaid \$3.65

Garden Flowers in Color. Four hundred flowers pictured in full color. All fully and clearly described. A great help in identifying the different flowers. 320 pages. \$2.95; postpaid \$3.10



Salmon Gem Lilliput Zinnias

Lilliput or Pompon Zinnias

These plants form handsome little bushes a foot high that are covered with small, very double flowers of all colors from midsummer until late fall. They make very handsome beds and showy borders. This type of Zinnia is getting very popular as a cut flower. We recommend that you give it space in your garden this season.

Black Ruby. Velvety maroon.

Canary Gem. Bright yellow flowers.

Purple Gem. Rich violet-purple.

Rosebud. Bright rose-pink.

Salmon Gem. Very popular Pompon.

Scarlet Gem. Bright scarlet flowers.

Valencia. Attractive burnt-orange.

White Gem. Dainty, pure white.

Any of the above:
Pkg. 10c; 1/4 oz. 45c; 1/2 oz. 75c

Collection: One package each of the above—8 varieties for 65c.

Mixed. A very well balanced mixture of colors. We make this mixture, blending the colors to make it just about the best mixture of Lilliputs you can buy.

Pkg. 10c; 1/4 oz. 35c; 1/2 oz. 50c

Cut-and-Come-Again Zinnias

Elegans Pumila Dwarf Double

Very double but gracefully formed flowers of medium size, about 2 1/2 inches across. Petals of heavy texture, slightly quilled center. Stems are 15 inches long, stiff and strong. Plants thrifty, branching and bear an abundance of bloom from midsummer until frost. This is a most useful Zinnia, both in the garden for display in beds as a background to lower growing plants and for cut flowers for the house. The florist finds it the very best Zinnia for vases and baskets.

Crimson. Rich, vivid crimson flowers, many having a center or crown of quilled petals with golden yellow centers.

Pinkie. A soft rose-pink that is not found in any other type of Zinnia. A splendid florist's flower.

Scarlet. Rich brilliant scarlet; vivid intense shade. The brightest spot of color in our garden last summer.

Snowball. A good white is needed in every garden and in every bouquet of flowers.

Spun Gold. The very best butter-yellow Zinnia. One of the newer varieties that has become very popular.

Sunrise. Salmon-rose, very beautifully formed flowers on thin, strong, wiry stems. The most popular of all Zinnias with the florist.

Each of above: Pkg. 10c; 1/4 oz. 35c; oz. \$1.00

MIXED A very choice blend of colors that we make right here in our warehouse, assuring you of a real rainbow mixture of colors that will please the most critical gardener.

Pkg. 10c; 1/4 oz. 35c;
1/2 oz. 60c; oz. \$1.00

COLLECTION
of Six Cut-and-Come-Again
ZINNIAS
One pkg. each of the above 6 kinds
6 Packages for 45c

Linearis Zinnias

Linearis is a single-flowering variety. A lovely shade of golden orange, with a delicate lemon stripe through each petal, the center dark golden orange. The bushy plants, 15 inches high, carry a wealth of flowers from early summer until late fall.

Pkg. 15c; 1/8 oz. 45c; 1/4 oz. 75c

Tom Thumb

Compact plants, 10 inches high, covered with very small, double, button-like flowers. Splendid for low beds and borders.

Pkg. 15c; 1/4 oz. 60c

Mexicana Hybrida Zinnias

Charming semi-double and double flowers rich in shades of yellow, orange, red, maroon, mahogany, salmon, many bordered and tipped with yellow, cream and gold. The small 1- to 1 1/2-inch diameter blooms are borne very freely on stiff stems that make them particularly good for cutting. The plants are vigorous growing, branching, and 18 inches tall.

Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 60c

Colorful Mexicana Hybrida Zinnias



Hart & Vick's ZINNIAS

Probably no flower has such an assortment of bright shades, tints and colors, and no bedding plant is more effective for a brilliant show than the Zinnia. It blooms from early summer until hard frost finally cuts it down. This old-fashioned bedding plant, whose popularity is being increased every year by the addition of many new and remarkably beautiful varieties and colors, deserves a most prominent place in your garden. Sow the seed early in the spring. Give the plants plenty of room. Feed liberally with liquid sheep or cattle manure.

The Very Best of the GIANT FLOWERING ZINNIAS

Strong, robust, branching plants 3 to 4 feet high.

From the experience gained in our own extensive Zinnia trials and from the experience of many of our customers, we have selected these thirteen large-flowering Zinnias as the best of their particular color. The type of flower is designated by symbols after the variety name: DF is Dahlia-Flowered; CG is California Giant.

Canary Bird. DF. A lovely shade of clear primrose-yellow; an outstanding variety.

Cherry Queen. CG. Most brilliant cherry-rose.

Crimson Monarch. DF. Largest and very best deep crimson.

Dream. DF. Best deep lavender turning to mallow purple.

Eldorado. DF. Best apricot-orange Zinnia; very large flower.

Exquisite. DF. Light rose with a deep rose center.

Golden Dawn. DF. Best golden yellow Zinnia. Perfectly formed flowers.

Illumination. DF. Largest and best Tyrian rose. Splendid for cutting.

Miss Willmott. CG. Soft clear delicate pink. Plant this with Canary Bird.

Orange Queen. CG. Largest golden orange.

Oriole. DF. Very lovely orange and gold two-toned flower.

Purity. CG. By far the best white Zinnia.

Royal Purple. DF. All-America Winner. Very large royal purple.

Any of above: Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 60c

Collection: One package each of the above—13 varieties for \$1.75.

Rainbow Mixture of Colors

We make this mixture right here in our warehouses by blending a great many named kinds in proper color proportions to give you a glorious display in your garden.

Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 60c; oz. \$1.85



Giant Flowering
Zinnias

CROWN OF GOLD ZINNIAS

A mixture containing a wide range of pastel shades. In all flowers each petal of the flower is overlaid at the base with deep golden yellow, while carrying out the individual flower color at the tip. The blooms are very double and average about 4 1/2 inches in diameter. Plants robust growing, three feet tall and bloom profusely throughout the season.

Pkg. 15c; large pkg. 40c; 1/4 oz. 60c; oz. \$1.75

FANTASY ZINNIAS

Since the introduction of the Fantasy Zinnia, equally valuable new colors and shades have been added to the family. At the present time the mixture includes red, orange, yellow, in various shades. The blooms are shaggy, with long, narrow, curled petals. Mixed colors.

Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 60c

AUTUMN COLORED ZINNIAS

A combination and blending of giant flowers in all the colors seen in the oak and maple leaves in the fall. This mixture was made at the request of Rochester Garden Club members.

Pkg. 15c; 1/4 oz. 55c

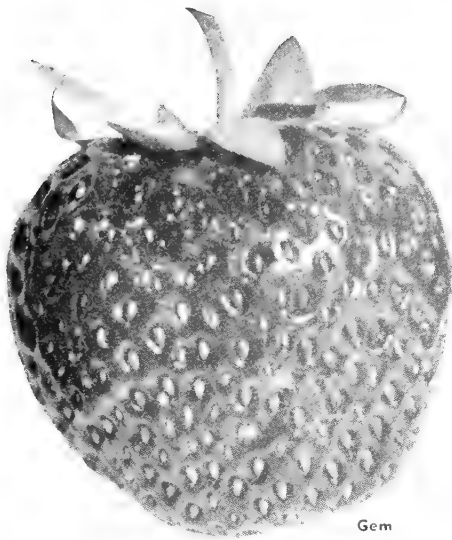
FROM VICK'S ILLUSTRATED MAGAZINE, JULY, 1878

"I must tell you about a Zinnia I had last summer. A double scarlet with the delightful fragrance of a Tea Rose. Also one with a row of small ones around, all single. I had a double white Datura which grew to a height of ten feet, also a single one with a spread of twenty feet, that had as many as fifty blossoms open every evening."

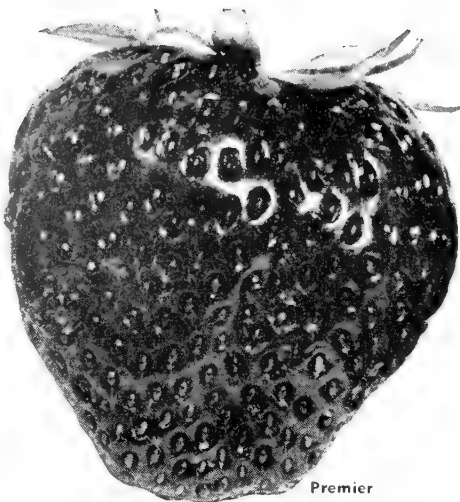
E. L. R., Jeffersonville, Indiana



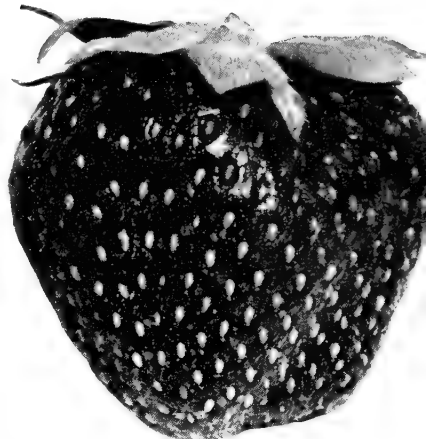
The Unusual Fantasy Zinnia



Gem



Premier



Fairfax

Hart & Vick's STRAWBERRY PLANTS

WE GUARANTEE

We guarantee our Strawberry plants to reach you in good condition and to start growing, providing you plant them correctly and take care of them. We will replace any that do not start to grow if you will notify us within 14 days after you receive the plants.

We deliver free of charge. Complete planting and directions for the care of plants are sent with every order.

FAIRFAX. The berries are large and firm with a most delicious flavor. The color is deep red at the picking stage, and gets quite dark as they get older. For growers who prefer a dark-colored berry of high quality we recommend Fairfax. Flowers are perfect.

25 plants for \$1.45; 50 for \$2.15; 100 for \$3.50
250 for \$7.25, postpaid to you

PREMIER. Most popular and best early Strawberry and probably the most reliable and productive variety ever introduced. The fruit is large, firm, well-shaped, deep bright red all over. The quality is very high, flavor delicious. Plants are strong, healthy and very prolific, bearing early and over a long period. The blossoms are perfect.

Large plants, 25 for \$1.35; 50 for \$2.00; 100 for \$3.35;
250 for \$6.95, postpaid to you

To avoid disappointments, Strawberries should be ordered early for delivery at proper planting time.

TWO SPLENDID EVERBEARING KINDS

GEM. The Popular Everbearing Strawberry—Will Start Bearing This Summer. Most productive everbearing kind with large, glossy red berries, firm, sweet and juicy. Ripens very evenly and has no green tips. Strong, thrifty plants start bearing 90 days after you set them out and continue to bear until freezing weather. The next year they will bear spring, summer and fall.

25 plants for \$1.95; 50 for \$3.15; 100 for \$4.85; 250 for \$9.85

STREAMLINER. New Giant Size Everbearer for Quick Freezing. This Strawberry has everything, size, shape, color, quality. Begins bearing in July and continues to give you uniformly large fruit until hard freezing weather. Tops for shortcake, canning and freezing for it requires a minimum of sugar. The ideal everbearer for garden. Plants set out this spring will bear fruit this first summer and fall.

25 plants for \$2.85; 50 for \$4.55; 100 for \$7.25
250 for \$14.75, postpaid to you

See Our Guarantee at the Top of the Page.

FIVE SPLENDID GRAPES

Our Grape Vines are grown for us in western New York State, long known as producing the best Grape Vines in the Country

CACO. A new large wine-red Grape, rich and sugary, with a luscious flavor. Hardy, vigorous growing and bears heavily every year. Fruit ripens early and hangs in large bunches. There is no doubt of its being the very best red variety. Fruit ripens in late September.

Two-year vines, 60c each; 3 for \$1.65; 10 for \$4.50

CONCORD. Most popular and best known of all Grapes. The fruit is large, blue-black with a rich bloom, juicy, sweet, tender and of pleasing flavor. The vine is strong and very vigorous growing. Ripens about three weeks after Fredonia, late in September.

Two-year vines, 50c each; 3 for \$1.35; 10 for \$3.75

FREDONIA. The new leading early black Grape. Introduced by the New York State Experiment Station. The berries are very large, juicy, sweet, and of splendid flavor. The plant is strong growing and a most prolific bearer. Ready to eat early in September.

Two-year vines, 60c each; 3 for \$1.65; 10 for \$4.50

GOLDEN MUSCAT. New golden yellow Grape with the unusual flavor and aroma of the European Muscat. Large, oval, juicy and tender fruits in large clusters on vigorous, productive vines. Ready to eat early in October.

2-yr. vines, \$1.25 each; 3 for \$3.50

PORTLAND. The very best of the white Grapes. Larger berries in larger bunches than any other white variety. Fruit very sweet and juicy. Vine is hardy, productive and heavy bearing. Fruit is ripe early in September.

60c each; 3 for \$1.65; 10 for \$4.50

RED, WHITE AND BLUE GRAPE COLLECTION

1 Caco (red) Three 2-year-old Grape Vines for
1 Portland (white) \$1.45,
1 Concord (blue) Postpaid to You

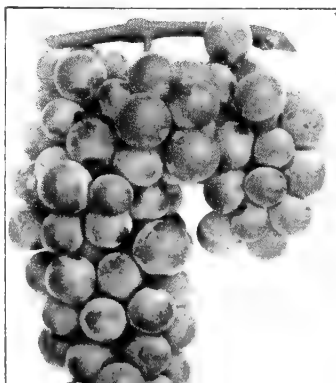
New Red Grape—Caco

New Early Black—Fredonia

1501

The Old Favorite—Concord

Splendid White—Portland





Purple Raspberry



Sunrise Raspberry



New Red Lake Currant

RASPBERRIES

CUMBERLAND. The most popular Black Raspberry. The fruit often measures an inch in diameter, is firm, juicy, of splendid flavor and has but few seeds. Plants are vigorous in growth and bear heavy crops.

Strong, 2-year-old, well-rooted plants, 5 for \$1.25; 10 for \$2.25; 25 for \$4.50

INDIAN SUMMER. Best of the "everbearing" Raspberries. It fruits in June and again in September and until frost. The attractive red berries are large and of delicious flavor. A great berry for the home garden but not firm enough to ship. Plants vigorous and hardy, and bear very heavily.

Strong, 2-year plants, 5 for \$1.45; 10 for \$2.75; 25 for \$5.45.

SODUS. Vigorous, disease resisting, very heavy bearing plants bearing large, purple berries that hold up well throughout the season. Fruit is firm, tart, moderately juicy and of good quality. Much more resistant to drought than the Columbian variety.

5 for \$1.25; 10 for \$2.25; 25 for \$4.50

TAYLOR. A new and attractive bright red Raspberry developed by the New York State Experiment Station at Geneva, N. Y. Fruit long conical in shape, firm and very large, with unusually small cavity. It is absolutely tops in quality, sweet, juicy, superb flavor. Plants vigorous and tall with heavy, sturdy canes that do not need support. A mid-season berry, ideal for both home and market.

Strong, 2-year plants, 5 for \$1.25; 10 for \$2.25; 25 for \$4.50.

SUNRISE. A new early fruiting Red Raspberry that is making friends very rapidly. The berries are large, firm, juicy and of splendid flavor. The plant is strong growing, very hardy and shows great resistance to the usual diseases of plants. We recommend this berry both for home and market growing. Strong 2-year-old bushes that have been transplanted.

5 for \$1.45; 10 for \$2.50; 25 for \$5.75

BLACKBERRIES

ELDORADO. This is the most popular kind both in the home garden and with the commercial berry grower. Fruit is large, sparkling jet black, sweet, delicious and practically coreless. The plant is very hardy, vigorous and a heavy regular bearer.

Heavy rooted plants, 5 for \$1.25; 10 for \$2.25; 25 for \$4.50

CURRANT

New Red Lake. Large, bright, glossy red fruit in very large clusters that make easy picking. The berries are very firm and unusually juicy. Their quality and flavor is unequalled. Splendid for jelly making. Plants are strong, hardy growing, and hold their fruit over after it is very ripe.

2-yr., No. 1 plants, \$1.75 for 3; \$5.45 for 10

Hansen Bush Cherry

An easily grown, highly ornamental shrub that produces quantities of delicious fruit. Large, dark purple and very sweet and juicy, it resembles plums. Heavy bearing, they come massed in clusters from the ground up and almost completely cover the branches. Excellent for canning whole and for making jams, jellies and preserves. Shrub perfectly hardy and grows about 4 feet high.

Big, well rooted plants, 75c each

PLANTING DIRECTIONS ARE SENT WITH EVERY ORDER OF PLANTS

WE DELIVER ALL BERRY PLANTS WITHOUT CHARGE

TRANSPLANTONE

Soak the roots of your berry plants and Rose bushes in Transplantone before planting them. Transplantone contains the best known chemicals for making roots grow stronger. Transplantone helps grow new roots and reduces loss of water so the plant starts growing again in a much shorter time.

1½-oz. pkg. 25c; 3 oz can \$1.00;

1-lb. can \$4.00

Full directions on package.

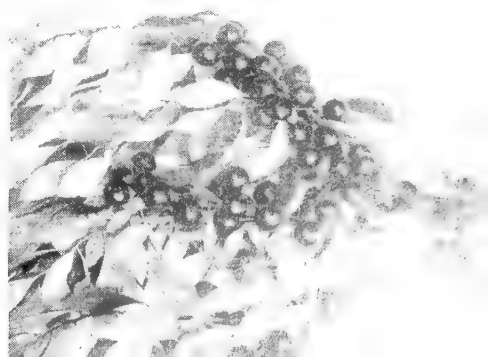


Indian Summer Raspberry



Cumberland Black Raspberry

Hansen Bush Cherry



MODERN EVERBLOOMING ROSES

Here are eight of the newer Hybrid Tea or Everblooming Roses that we have selected from the long list of "Patented" varieties as the best of their kind and color. Most of these kinds have been awarded medals for excellence. All of them are worthy of a place in your garden. Our plants are as fine as can be grown and we feel sure that they will please you.

Angels Mateu. Plant Patent No. 174. **Orange-rose.** Large full-petaled flowers of splendid form, foliage dark green and leathery. Erect grower. Fragrance of ripe Blackberries. A great favorite among connoisseurs. Flowers of high quality even in hot weather. \$1.50 each

Charlotte Armstrong. Plant Patent No. 455. Perfectly formed blood-red buds develop into large spectrum-red blooms . . . cerise in hot summer weather. A very double Rose that lasts well in the garden or will give you many days of enjoyment if you cut it in the bud stage and bring it indoors. Dainty sweet fragrance. \$1.50 each

Crimson Glory. Plant Patent No. 105. **Deep crimson,** shaded deep oxblood-red and mellowed by a velvety nap. It has a wonderful fragrance and is borne profusely and continuously on long, strong stems. A great favorite everywhere and a winner of many awards and medals. The plant is strong, compact growing, with many stems. Known as the best of the crimson Roses. \$1.50 each

Grande Duchesse Charlotte. Patented. **Tomato-red.** Award All-America Rose Selections, 1942. This Rose aristocrat provides a color unknown in any other Rose. The beautiful, long streamlined buds are glowing Morocco-red and open to 25-petaled blooms of unfading dusky coral-red, gradually merging to a soft coral-pink. The petals recurve and make a delightfully informal, artistic flower with a hint of Carnation fragrance. \$1.50 each

Mme. Henri Guillot. Patent No. 337. Deep **watermelon-pink** heavily quilled with reddish orange, all artistically blended into a vivid picture. Long tapering buds open to large Camellia-shaped flowers with rich fragrance. A really excellent Rose with magnificent blooms. \$1.50 each

Peace. Plant Patent No. 591. **Yellow.** A sensational new Rose. Buds open yellow, with edges picoteed cerise; glorious 5-inch blooms of alabaster-white, each petal edged with pink that deepens as the flower opens. Very double, showing a center of tawny yellow. The petals are large and of great substance. The large exhibition blooms are borne singly on strong straight stems. Plant supremely strong and vigorous, with superb foliage. \$2.00 each

Rex Anderson. Patent No. 335. An outstanding exhibition Rose of delicate ivory-white . . . perfectly formed, slow opening, one of the very few successful whites. Its fully double flowers may be grown to enormous size by disbudding. Exceptionally free and vigorous with abundant grey-green foliage. \$1.50 each

Texas Centennial. Plant Patent No. 162. Bright **vermilion-red.** Unusually vigorous, with an abundance of healthy foliage. Long, pointed buds of perfect form that open into large, richly fragrant blooms on long stems ideal for cutting. \$1.50 each

Hart & Vick's CLIMBING ROSES

Hardy climbers, as a rule, bloom but once each year, but there are a few exceptions which you will find noted below. The great spectacular show made by a single Climbing Rose makes this class valuable and necessary for every garden. Climbing Roses can be trained on supports of many kinds such as fences, pillars, pergolas and trellises, or against garages and other outbuildings; or merely left to trail on sloping banks. The varieties listed here are hardy in ordinary winter weather, with little protection, and they will flash into life again in the spring with a display of spectacular beauty. Most of them are large-flowered, and the blooms make fine cut flowers. Try some of the newer ones, they are unusual departures from the old Rambler types.

Climbing American Beauty. **Cerise-red.** Large, double, fragrant American-Beauty-red flowers of splendid form and borne in large clusters. The plant is very thrifty and vigorous in growth, climbing to great heights and thoroughly covering trellises, garden seats and summer houses. \$1.25 each

Doubloons. Plant Patent No. 152. A radiant **yellow** climber with large, compact, double blooms coming in clusters; spicy fragrance. Vigorous grower with long, heavy canes. Noted for hardiness. Beautiful foliage of dark, velvety green. Blooms in midseason. \$1.50 each

Dr. Van Fleet. Large, pale pink, fragrant hybrid-tea-like blooms on long stems. Literally hundreds of lovely Roses on even a single plant. Vigorous and hardy, a profusion of bloom in June. Grows 12 to 15 feet. \$1.25 each

Golden Climber. Plant Patent No. 28. Many features give Golden Climber its deserved popularity. The interesting shape of the flowers is unusual because the outer petals flare wide while the center petals are still drawn together in perfect form. Its coloring is superb—the buds, flecked with orange-scarlet, burst into rich golden yellow, hybrid-tea-like blooms. The large unusual form, and rich sparkling color make Golden Climber outstanding. \$1.50 each

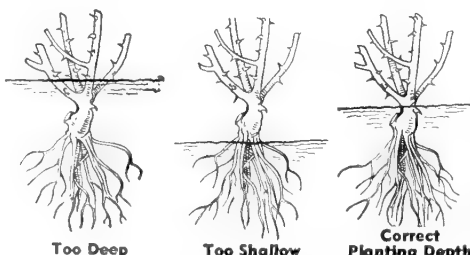
Paul's Scarlet Climber. The flowers are large and beautifully formed, coming in clusters, making a vivid splash of color that holds clear and true. The blooms come on long stems, making good cut flowers. Does not grow very tall and is an ideal pillar Rose. Blooms in late June. \$1.25 each

How to Plant and Care for Roses

Get your Rose bed ready before your new plants arrive. Choose a spot that is protected from strong winds and gets at least half a day of full sun. When making an entire new bed, shovel out all the dirt to a depth of 24 inches. Then put 4 inches of Peat Moss in the bottom of the bed, add Bone Meal, 10 lbs. to 40 square feet, and spade up deeply with a spading fork. Mix the soil taken out of the bed with one-third Peat Moss, and shovel it back into the bed. No doubt the soil will settle from 2 to 4 inches; allow for this. You are then ready for our Roses. If spotting plants in an existing bed, dig an individual hole about 14 inches in diameter for each plant, treating the soil the same as above. Don't expose the roots of the Roses to the sun or wind while you are planting. Keep them covered always. When planting in the spring prune the tops of the plants to stand about 6 inches above the ground, leaving at least three eyes. Trim off any broken or cracked roots. Set Hybrid Tea Roses 15 inches apart, larger growing kinds 18 to 24 inches. Spread the roots carefully. Pack the dirt around them snugly. When hole is three-quarters filled with soil, soak with water; when water has disappeared, fill balance of hole with soil not packed down hard. See diagram of depth to plant. Feed the plants every 14 days, using two ounces of a complete plant food per plant until September first. Dust or spray every week, one week with a fungicide for black spot and mildew, the next week an insecticide for eating and sucking insects. In June cover beds with an inch of Shredded Tobacco or Peat Moss to hold the moisture.

WINTER PROTECTION

Just before the first hard freeze in the fall, cut plants down to about 18 inches, remove the mulch of Shredded Tobacco or Peat Moss that might harbor black spot over winter, spray or dust them with a fungicide, and hill them up with 6 inches of soil. After the ground has frozen, cover them with straw, corn stalks or leaves. In the spring remove this litter, and level the soil, trim plant to 6 inches and three eyes, and start regular feeding and spraying program. This method of culture has been very successful. We believe it will help you with your Rose growing.



Too Deep

Too Shallow

Correct Planting Depth

We Guarantee

OUR ROSES TO BE HARDY NORTH-ERN FIELD GROWN and of the very highest quality. We guarantee that every plant will reach you in perfect condition for planting and will bloom the next normal flowering season.

WE WILL REPLACE ANY PLANT THAT DOES NOT PERFORM AS GUARANTEED, providing you have planted and cared for it according to our directions, and that you tell us about failures before the first of the following August. A SALES AND IDENTIFICATION SLIP IS SENT WITH ALL ORDERS. NO CLAIM WILL BE RECOGNIZED UNLESS THIS SALES SLIP ACCOMPANIES IT.

HART & VICK, SEEDSMEN
Rochester, New York

Hart & Vick's **EVERBLOOMING ROSES**

Northern Field-Grown Hybrid Tea Rose Plants With Big Branching Tops and Fibrous Roots

Plant them this spring and they will blossom this August, next year, and for many succeeding years. They will begin blooming in June and continue to bloom until hard frost.

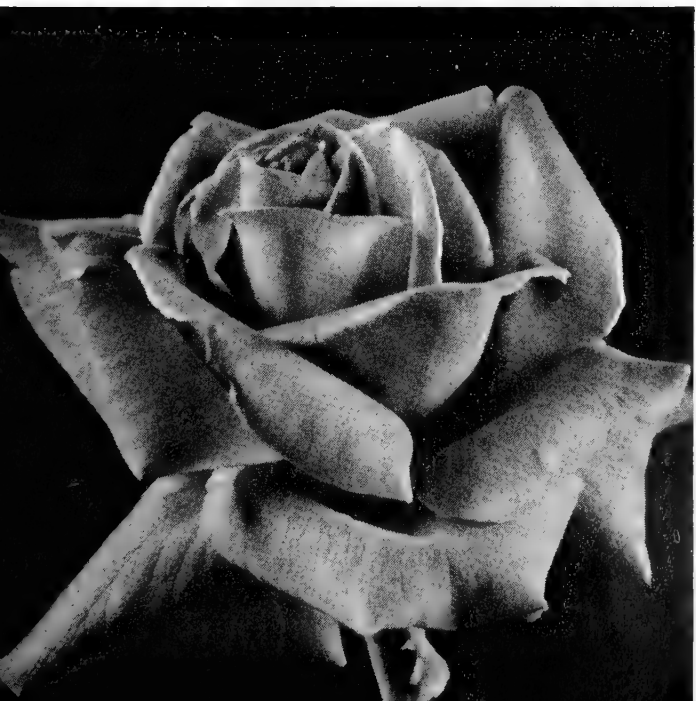
Here are 16 Everblooming Roses that have been tried and tested. We have selected them because each one is included in the list of the highest rating varieties of the National Rose Survey of the American Rose Society. We feel sure that you will love them all.

Each \$1.25; any 3 plants, \$3.45; any 6 plants, \$6.75; any 12 plants, \$13.25



Peace—A Sensational New Yellow Rose

Crimson Glory—Probably the Very Best Crimson Rose



ROSES BY MAIL

Up to 12 dormant Roses can be sent by mail. More than this are sent by express. If you wish your Rose bushes by mail, add 10c per plant. West of the Mississippi River, add 15c per plant. **If no money is sent for postage, they will be sent by express.**

Betty Uprichard. Salmon and carmine. Long, pointed buds of rich carmine and coppery orange. Open flowers show an interior of delicate salmon-pink and are very fragrant. Plant vigorous growing and an abundant bloomer.

Christopher Stone. Scarlet-crimson. A brilliant clear color, superb in the fall. Long, pointed bud opens into a large flower of truly sparkling color, with damask fragrance. A most active and flashy performer, highly rated.

Condesa de Sagato. Bicolor. Rich yellow buds unfold into copper blooms with yellow on the reverse; fully double with alluring raspberry fragrance. Exceptionally vigorous and supremely bushy in growth.

Etoile de Hollande. Brilliant dark red. Perfect buds; large double flowers on long stems, and truly fragrant. Plant is vigorous, always growing and continuously in bloom. Stems almost thornless and foliage healthy.

Frau Karl Druschki. (Hybrid Perpetual.) Pinkish buds and magnificent snow-white blooms with deep, firm petals. The best white Rose of any class, blooms freely in June and occasionally during the rest of the summer.

Golden Dawn. You Rose growers who appreciate good foliage will love this plant with its dark green, Holly-like, shining leaves. The double, 50-petaled, pale yellow blooms are borne from June until frost in amazing numbers.

McGredy's Ivory. White. Lovely large flowers of beautiful double form and moderately fragrant. The color is soft delicate creamy white merging into yellow at the base. Vigorous, disease resistant, and a prolific bloomer.

McGredy's Yellow. Yellow. Well-formed big flowers of bright Buttercup-yellow. The buds are exquisitely formed and leave nothing to be desired. Good, strong, rugged grower, producing flowers freely. One of McGredy's best.

Mrs. Pierre S. du Pont. Golden yellow. This is the ace of the golden yellow Roses. Winner of more gold medals for outdoor blooms than any other Rose. Pointed buds, high-crowned flowers, particularly lovely in the autumn. Low, sturdy plant, abundant glossy foliage.

Mrs. Sam McGredy. Scarlet-coppery-orange, heavily flushed with Lincoln-red on the outside of the petals. These colors together give a rich and almost dazzling effect. The flowers are of large size and beautiful form, very fully produced and delicately perfumed. The plant has a vigorous and exceptionally free habit.

President Herbert Hoover. Bicolor. Maroon and orange, two tone. Vigorous, upright; free blooming. Fragrant. We recommend this as a most dependable outdoor kind.

Picture. Pink. Splendidly formed, medium sized flowers of velvety rose-pink, the petals pleasingly reflexed. Well named, as both form and color are very lovely. A fine cutting Rose, unusually free blooming.

Red Radiance. Red. Deep clear red and very double. A very dependable Rose that blooms all summer. Plant strong and vigorous, and easily grown.

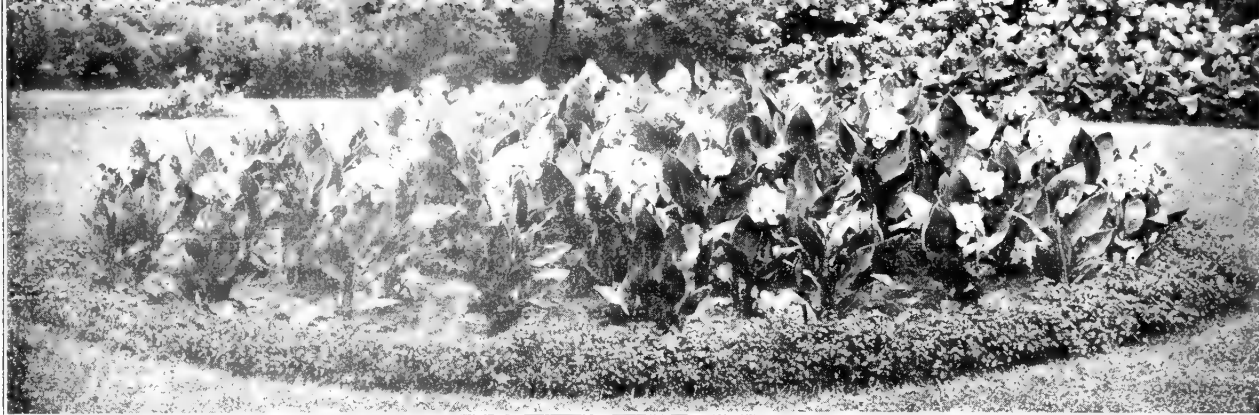
Soeur Therese. Chrome-yellow. Golden yellow buds touched with orange-carmine. Exquisite, long, pointed bud, making a fine, fragrant cut flower. Vigorous, active grower of spreading habit, and a very free bloomer.

Talisman. Bicolor. A beautiful mixture of golden yellow, orange and scarlet varied in every bloom. Richly colored buds on long stems, fine for cutting, especially in the fall; very fragrant. Upright, vigorous grower and constant bloomer. Most widely known Rose.

The Doctor. Pink. Sparkling pink buds, pointed; one of the largest of all blooms. Intensely fragrant; excellent for cutting.

ROCHESTER COLLECTION OF EVERBLOOMING ROSES

	Christopher Stone McGredy's Yellow	Frau Karl Druschki Picture	Talisman
5 plants, 1 of each	\$ 5.15
15 plants, 3 of each	14.85
25 plants, 5 of each	24.25



Either in beds or among shrubs the flaming brilliant Cannas add color and brightness to the home grounds.

HART & VICK'S SUMMER FLOWERING BULBS

Amaryllis

We offer the giant-flowered, wide open trumpet (often 7 inches in diameter) strain only.

Giant American Hybrids. One of the easiest and most satisfactory of all bulbs to grow in the house or in the garden. We offer here giant bulbs of one of the finest strains in the country. Bulbs that will grow from one to two vigorous, healthy flower stems, each carrying four giant trumpet-like flowers in a wide range of colors: pink, rose, red, scarlet, white and combinations of these colors. **In mixture of colors only.**

85c each; 3 for \$2.45; 12 for \$9.00

Caladium Esculentum (Elephant's Ear)

This giant plant grows 6 to 10 feet high and bears immense, light green leaves 3 to 4 feet long and 21½ feet wide. It is very effective in beds and borders and is used extensively in public parks. Plant them outside when the ground is warm in the spring or start them indoors early and transplant outside. The bulbs will not stand freezing so dig in the fall and bring indoors.

Mammoth bulbs, 35c each; 3 for 95c; 12 for \$3.25

Fancy-Leaved Caladiums

A splendid summer foliage plant of marvelous beauty for indoor growing or even for outdoor beds in shady spots. Grow the same as Tuberous-rooted Begonias. The bulbs will not stand freezing so dig in the fall and bring indoors.

Large bulbs, 40c each; 3 for \$1.10; 12 for \$4.00

Calla Elliottiana

The best of the Yellow Callas. Flowers as large as the white, winter-flowering variety, and a rich, lustrous golden yellow of velvety texture. The foliage is dark green, with a number of translucent creamy white spots, which add much to its beauty. Planted in the open border in a dormant condition when danger from frost is over in spring, this Calla will flower during the summer. When tops are killed by frost in the autumn, dig and store through the winter as you would potatoes.

Strong bulbs, 65c each; 3 for \$1.85; 12 for \$7.00

Large Flowering Cannas

Cannas bloom from early summer until frost just about anywhere in the country, succeeding in dry sunny position in any kind of soil. Give them plenty of food and water and they will respond most generously. Start the roots in 4- and 5-inch pots in March or April, keep in a warm place and transplant outdoors in late May or early June. Dormant roots may be planted out-of-doors as soon as the earth warms up. Set 2 feet apart each way.

We offer northern-grown, large, well developed dormant roots—six at the dozen rate. Delivered free of charge east of the Mississippi River

Prices of All Varieties: 25c each; 3 for 65c; 12 for \$2.35.

Hungaria. Low growing, 3½ feet. Large, deep, rose-pink flower over bright green foliage.

Eureka. Large, white flower and green foliage. Grows 4 feet high

King Humbert. The combination of brilliant orange-scarlet flowers in giant spikes and coppery bronze foliage makes this Canna one of the most popular. Grows 5 feet high.

Yellow King Humbert. Large yellow flowers spotted red. Foliage green. Tall.

The President. A brilliant flaming scarlet flower often measuring 7 inches across. Extremely free flowering and very vigorous growing. Green foliage. Height 5 feet.

Cinnamon Vine Never Any Bugs on This Vine

A beautiful, rapid-growing summer climber with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. Very hardy, grows rapidly in the spring and covers any trellis or arbor early in the season.

Top size roots, 25c each; 3 for 65c

Hyacinthus Candicans - Summer Hyacinth

A luxuriant growing, summer flowering plant spreading 2 to 3 feet and bearing during July and August, 20 to 30 white, bell-shaped flowers on tall stems 4 to 5 feet high. Planted as a background for scarlet Gladiolus makes a wonderfully attractive picture. Set the bulbs out in the garden when danger of frost is over, 3 inches deep and 2 feet apart. In the colder climates take the bulbs up and store like Gladiolus.

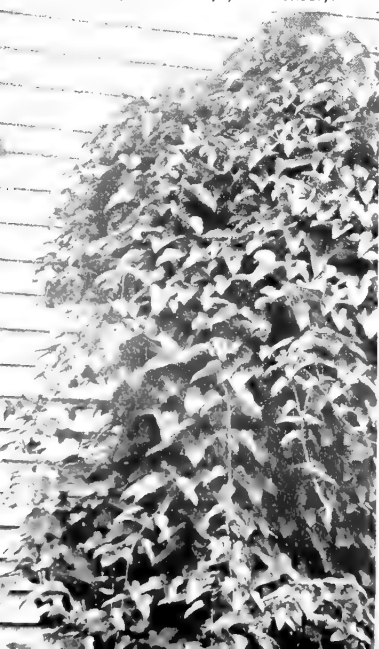
Large bulbs, 25c each; 65c for 3; \$2.35 for 12

Here is a very lovely flower for your garden—Ismene or Peruvian Daffodil.



Summer Hyacinths are becoming more popular as garden flowers.

This picture does not at all do justice to the Cinnamon Vine. It is really a very splendid climber that you will enjoy immensely.



Fancy-Leaved Caladiums are not hard to grow in the house.



Caladium Esculentum is popularly known as Elephant's Ear





This is the most popular and no doubt as satisfactory a hardy Lily as we have. It's called Regale or Royal Lily.



Often called the Mexican Shell Flower. Its real name is Tigridia Pavonia.

Oxalis should be better known for it really is a most useful flower



Ismene Calathina - Peruvian Daffodil

Handsome clusters of large, very striking, fragrant, pearl-white flowers on 30-inch stems, somewhat resembling the Amaryllis. Plant the bulbs when the ground is warm late in the spring, 3 inches deep and 18 inches apart. In our own garden we have been very successful growing Ismene in a rather difficult spot shaded half the day by tall growing shrubs. They commence flowering in July.

Top size bulbs, postpaid: 65c each; \$1.85 for 3; \$6.75 for

Madeira Vine - Climbing Mignonette

A splendid vine for covering porches, pergolas, fences, etc., where its thick, heart-shaped, glossy, light green leaves and long, hanging stems of fragrant, white flowers are very effective. Plant outdoors in May in fairly good soil and water regularly for best results. Not entirely hardy but must be protected by a mulch in freezing weather.

Strong tubers, 20c each; 2 for 35c; 12 for \$1.85, postpaid to you

Montbretia

A very free-blooming summer-flowering bulb, producing in great numbers graceful spikes, 8 to 10 inches long, each spike bearing from 18 to 30 exceedingly showy, star-shaped flowers, 1 1/2 to 2 inches across. Plant Montbretia bulbs the same as you would Gladiolus, 2 inches deep and 6 inches apart, and care for them in the winter the same as you would for Gladiolus. We offer **Mixed Hybrids**, an assortment of yellow, orange and scarlet shades.

3 for 35c; 12 for \$1.25; 100 for \$8.50

Oxalis - American Shamrock

A splendid little plant for beds, borders, pot growing, and for baskets. The plants grow about 12 inches high, are compact, bushy growing, full of bright green foliage that makes an excellent background for the bright colored flowers that cover the plant the entire season. Plant the bulbs outdoors after danger of frost is over, 1 inch deep and 6 inches apart, or in pots indoors as soon as you receive them from us. These bulbs are not hardy, they must be taken up and stored during the winter.

Deppei. Small white flower. Excellent for borders. Blooms all summer.

Lasiandra. Large deep crimson flowers are carried in clusters on 16-inch stems above bright green, decorative foliage. Blooms from spring until late fall.

Shamrock. Large pink blooms; rich green, Shamrock-like foliage.

Any of the above kinds: 12 for 45c; 25 for 85c; 100 for \$3.00

Tigridia - Shell Flower of Mexico

Pavonia. Brilliant, colorful blooms in scarlet, orange, yellow and rose. The huge triangular shaped flowers have six petals, the three smaller ones being blotched with carmine, purple or mahogany. The plant grows 2 feet tall and bears these brilliantly colored flowers from July until frost. Plant and care for the bulbs as you would Gladiolus. We offer a splendid mixture of colors.

Top size bulbs—postpaid to you: 3 for 45c; 12 for \$1.55; 25 for \$3.00

Double Tuberose

Excelsior, Dwarf Pearl. Delightfully fragrant, double waxlike flowers on long spikes carried on 2-foot stems that make it a very desirable cut flower. If you want early bloom start the bulbs growing in pots in February or March and transplant in the garden in May. For late flowering, plant outdoors in May and June, 4 inches deep and 12 inches apart. Unusually large bulbs, 25c each; 12 for \$2.75; 25 for \$5.45; 100 for \$20.00.

Hardy Garden Lilies

Regale or Royal Lily

Large and fragrant, trumpet-shaped flowers with pure white centers, canary-yellow in the throat; outside of petals white with a shading of lilac-pink. Stems grow 4 to 6 feet high and a single plant will often bear from 15 to 20 blossoms. Blooms June and July. One of the most beautiful and easiest grown of all Lilies, individual blooms are 6 inches in length and 4 to 5 inches across the mouth. Plant 5 inches deep in good, well-drained soil.

Large bulbs, 50c each; 3 for \$1.35; 12 for \$5.00

Speciosum Rubrum

The best known and best liked of the recurved type of garden Lilies. The tall, sturdy, 4- to 5-ft. plants carry well-branched sprays of delicately scented flowers of cream-pink with a light edge and vivid crimson speckles. They flower in August and September.

Speciosum Lilies are stem rooting and therefore should be planted 9 inches or more deep in soil of good drainage.

Each \$1.00; 12 for \$10.00

Henryi

A beautiful stately Lily growing from 4 to 6 feet in height. The strong stems carry six or more nodding flowers of recurving shape, of soft orange with emerald-green hearts (often called the Orange Speciosum). Should be planted in a partially shaded location about 10 inches deep. A very dependable, healthy Lily, blooming in August.

75c each; 12 for \$7.50

Auratum

Gold-Banded Lily of Japan

Stately Lilies growing 3 to 6 feet high. White spotted deep red, with a bright yellow band running through the center of each petal. Blooms in August. Plant 9 to 12 inches deep. Stem rooting.

\$1.25 each



Double Tuberose

Summer Flowering Bulbs

Tuberous Begonias

The answer to the gardener's prayer for something that will grow easily and bloom prolifically in the many difficult shady spots in most gardens. They are at their best under trees, on the north side of buildings, walls and hedges, in window and porch boxes under awnings.

What a wonderfully beautiful and useful flower so many people are missing when they neglect to grow some of these Tuberous Begonias! As outdoor bedding plants for shady places, they are unrivaled. Planted in pots for winter house flowers they are very fine. They are easily grown. Set the bulbs a foot apart and 1½ inches deep, in a shaded spot, in any well-drained soil into which has been dug peat moss and plant food. In the fall, spread out to dry, and keep over winter in sand in a cool place.

We are importing our Tuberous Rooted Begonia bulbs from Belgium this season and expect to deliver to you the finest and largest bulbs you have seen in many years. Every one of them of top quality.

Our Begonia bulbs will arrive in January, perhaps before this book reaches you. Mark plainly in your order whether you want these bulbs sent to you now, so that you can start them growing indoors and set them outside later, or if we are to send them to you later when danger of frost is over and you can safely plant them out in your garden.

Prices of all varieties of Tuberous Rooted Begonia bulbs: 25c each; 70c for 3; \$2.65 for 12; \$4.85 for 25. Directions as to planting and care sent with every order.

SINGLE FRILLED (Crispa). Single flowers with thick, heavy petals, the edges beautifully frilled not unlike the ruffled Petunia. The blooms of this type are very large, often 4½ and 5 inches across. We offer you the following colors:

Dark Red. Rich, dark, velvety red.

Rose. A bright rose that is very attractive.

Orange. Rich orange shaded with salmon and apricot.

Scarlet. This is always a popular Begonia. Very rich.

White. Pure white, waxlike petals crowned with prominent yellow stamens.

Yellow. Golden yellow flowers particularly well fringed.

All Colors Mixed.

CAMELLIA-FLOWERED. Lovely, big, double flowers, 4 to 5 inches across, with heavy, waxlike petals, so beautifully arranged that the flower closely resembles the Camellia and is named after it, Camellia-Flowered. Here are the colors we are offering in this type:

Dark Red. Rich, dark, velvety crimson-red flowers with high centers.

Rose. In our opinion a much better shade in this particular type than the pink. Very lovely.

Orange. Rich orange shaded with salmon.

Scarlet. A very popular color in this lovely flower.

White. Pure white, like a Gardenia.

Yellow. Soft canary-yellow velvet-like petals.

All Colors Mixed.

TRAILING BEGONIAS (Pendula). Splendid for that shady spot in the rockery, rock wall, and for hanging baskets on shaded porches, in shaded rooms, in porch and window boxes. **All Colors Mixed.**



Single Frilled Begonia



Camellia-Flowered Begonia

GLOXINIAS

Prices of all Gloxinia bulbs: 40c each; \$1.10 for 3; \$4.15 for 12.

This is one of the most handsome and interesting of all summer-blooming pot plants for the window garden. Start the bulbs in pots in February or March. Care for them as you would Tuberous Rooted Begonias, except that they like more heat and humidity. Gloxinias do well in sunlight. Cultural directions for the successful growing of Gloxinias are sent with every order.

Scarlet.

Purple-Blue, edged white.

Carmen, edged white.

White, edged blue.

Dark Crimson-Red.

Gloxinias





TWENTY GOOD GLADS

So wonderful have been the improvements in this most popular garden flower during the past few years that we have omitted the old varieties from our list and described only these new kinds.

All our bulbs are over-size, clean, free from thrip or disease, and will give excellent results. We furnish 6 bulbs at the dozen rate. By mail or express, prepaid east of the Mississippi River; to more distant points, add 5c per dozen.

Beacon. Rose-scarlet. Always attracts great attention in the garden or when cut and displayed at flower shows. Large ruffled flowers of rosy scarlet with a clear blotch of cream, many open at one time on a tall, straight stem.
3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$8.95

Blaze. Light scarlet. Good cut flower, opens 6 florets on a 4-ft. stem.
3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$8.95

Barcarolle. Orange. Rich deep salmon-orange, handsomely ruffled of heavy substance on long spikes.
3 for 50c; 12 for \$1.65; 25 for \$2.90; 100 for \$9.60

Black Opal. Red. Sensational very dark red. 8 to 10 florets open on a long flower head. Fine show flower.
3 for 60c; 12 for \$1.95; 25 for \$3.50; 100 for \$12.00

Chamouny. Dark rose. An outstanding decorative variety. Tall dark rose, bordered with silver. Color exceptionally beautiful and striking. Opens 8-10 medium-sized florets perfectly placed on a tall slender spike.
3 for 65c; 12 for \$2.25; 25 for \$4.25; 100 for \$14.85

Corona. Blush-white. The growth characteristics of Corona are beyond reproach. Soft blush-white petals with a lovely picotee edge. One of the loveliest Gladiolus yet hybridized.
3 for 60c; 12 for \$1.95; 25 for \$3.45; 100 for \$11.85

Elizabeth The Queen. In our opinion the best and most beautiful lavender. Not exceptionally tall, but fancy even when short. Grows 48 inches tall very consistently for us. Opens 7 to 8 beautifully ruffled, somewhat needle-point florets on an 18-bud spike.
3 for 75c; 12 for \$2.75; 25 for \$5.25; 100 for \$19.25

Ethel Cave Cole. Pink. Well-formed spikes with twenty or more buds and 8-9 large round florets of pure pale pink. Has won many prizes.
3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$8.95

Greta Garbo. Light rose. Large and very beautiful, a combination of cream and rose. Wins the admiration of everyone.
3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$8.95

Holland's Glory. Salmon. Dark salmon-pink with bright yellow blotch. Florets are of heavy texture and always well placed.
3 for 65c; 12 for \$2.15; 25 for \$4.15; 100 for \$14.45

Lady Jane. Light cream. Clear light cream with yellow lip, appears to be a light yellow. Fine for cutting and show.
3 for 65c; 12 for \$2.25; 25 for \$4.25; 100 for \$14.85

Leading Lady. White. Most popular Picardy sport. Grown commercially for cut flowers in all parts of the country. Creamy white with no markings. Clean and an excellent grower.
3 for 70c; 12 for \$2.30; 25 for \$4.25; 100 for \$15.00

Margaret Beaton. Snow-white. One of the best new varieties that has appeared in recent years. Snow-white florets with a brilliant scarlet throat. Large sturdy plants. Pictured at left.
3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$8.95

Misty Dawn. Soft smoky gray or bluish salmon with a smoky orange-red blotch; 6- to 7-inch blooms on a tall plant. A fine show flower.
3 for 65c; 12 for \$2.25; 25 for \$4.25; 100 for \$14.85

Mother Kadel. Yellow. Clear medium yellow with no markings. Like wax to the very depth of the throat. The best of the yellow varieties.
3 for 65c; 12 for \$2.25; 25 for \$4.25; 100 for \$14.85

Picardy. The most popular variety grown. Very large, tall salmon-pink.
3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$8.95

Pink Radiance. Pink. Will open as many as 11 beautiful pink recurved flowers on a 24-inch bud spike. Reports from all parts of the country indicate this to be one of the outstanding pinks.
3 for 65c; 12 for \$2.25; 25 for \$4.25; 100 for \$14.85

Spotlight. Yellow. Very large wide open, round flower in deep yellow with small scarlet blotch. Free bloomer and good propagator.
3 for 75c; 12 for \$2.65; 25 for \$5.00; 100 for \$18.00

Vagabond Prince. Gorgeous mahogany-brown with a flame blotch.
3 for 60c; 12 for \$1.95; 25 for \$3.50; 100 for \$12.00

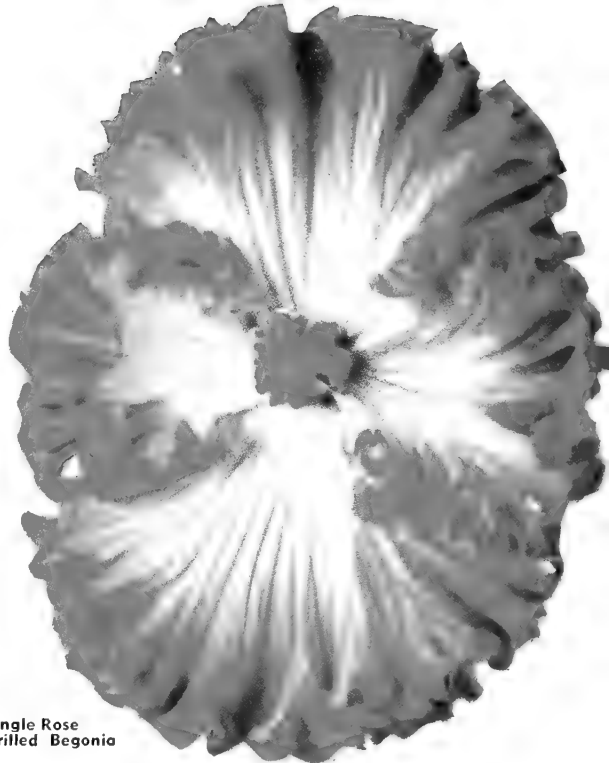
Our Rainbow Mixture of Exhibition Gladiolus

This splendid mixture is a careful blending of many kinds and colors of named and unnamed Gladiolus. It is made for the person who wants a specially good assortment of colors at a reasonable price. These bulbs are not grown as a mixture but are all separate kinds and colors, choice varieties every one of them, and will produce flowers in the garden and for cutting that you will be proud of.

3 for 40c; 12 for \$1.35; 25 for \$2.65; 100 for \$8.45



Camellia-Flowered Begonia, Orange and Salmon



Single Rose
Frilled Begonia

Tuberous Begonias Bloom in Shady Spots

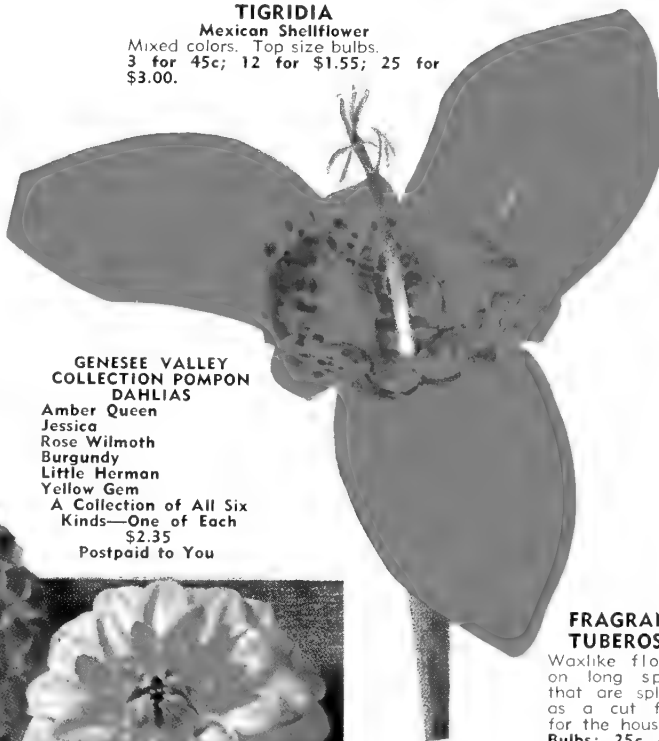
Under trees, on the north side of buildings, under awnings, in porch and window boxes, these bulbs do their best, blooming from early summer until late fall. Easy to grow, they last for many years. See page 56. **Large bulbs, 25c each; 3 for 70c; 12 for \$2.65; 25 for \$4.85.**



TIGRIDIA

Mexican Shellflower

Mixed colors. Top size bulbs.
3 for 45c; 12 for \$1.55; 25 for \$3.00.



GENESEE VALLEY COLLECTION POMPON DAHLIAS

Amber Queen
Jessica
Rose Wilmoth
Burgundy
Little Herman
Yellow Gem
A Collection of All Six
Kinds—One of Each
\$2.35
Postpaid to You



FRAGRANT TUBEROLES

Waxlike flowers
on long spikes
that are splendid
as a cut flower
for the house.

Bulbs: 25c each;
3 for 40c; 12 for \$1.50.

Hart & Vick's DAHLIAS

The tubers we offer are all grown here in the North by expert Dahlia men. They are dug and taken care of correctly and come to you in large divisions, healthy, and with at least one eye or sprout.

Classifications as made by the American Dahlia Society are as follows: Formal Decorative—F.D.; Informal Decorative—I.D.; Semi-Cactus—S.C.; Cactus—C.

Cultural directions are sent with every order of Dahlia tubers.

LARGE FLOWERING KINDS

Avalon. F.D. Many call this the very best yellow of the Formal Decorative type. Blooms are large, 8 inches across, and unusually deep. Petals of good substance and clear bright cadmium-yellow. Plant rather strong growing with an abundance of foliage.

Tubers, 60c each; 3 for \$1.65

Cherokee Brave. I.D. A rugged growing, good root-making Dahlia that can be grown up to 12 inches. Color is a beautiful ruby-red which will not fade under the hottest sun.

Tubers, 85c each; 3 for \$2.35

Clara Carder. I.D. A strong growing variety of soft Cyclamen-pink. A profuse, midseason bloomer that grows naturally large. Petals are unusually twisted and cupped.

Tubers, 85c each; 3 for \$2.35

Commando. F.D. Color is a clear shade of lavender. The large, clean flowers average 10 inches in diameter and can be grown 14 inches. Stems very long and stiff. This is the finest lavender Dahlia we have ever seen; it has been heartily acclaimed by all who have seen it growing.

Tubers, \$1.15 each; 3 for \$3.25

Dahliamum. I.D. Color is deep orange. A tremendous flower with long twisted petals that roll back to the stem, making a complete ball. Bushes massive and wide spreading. Blooms continually from early till late. 4 feet.

Tubers, 95c each; 3 for \$2.70

Dorothy Lamour. C. A beautiful large Cactus of the brightest orange imaginable. A late bloomer. Tall, healthy bushes with flowers held on long stems.

Tubers, \$1.15 each; 3 for \$3.25

Harlequin. I.D. Bicolor. This is one of the best large bicolors, deep red, tipped white. On long strong growing bushes.

Tubers, 95c each; 3 for \$2.70

Jane Cowl. I.D. Exceptionally large and well formed flowers of buff, gold and salmon. A tall, strong growing kind and very popular.

Tubers, 75c each; 3 for \$2.10

Jean Kerr. F.D. A very popular white. Extremely early. Flowers are small but many are produced on a plant. A good keeper.

Tubers, 60c each; 3 for \$1.65

Jean Trimbee. S.C. A rich Petunia-violet and many blooms close to 12 inches in width and 7 inches in depth. Really a beautiful and huge sized Dahlia.

Tubers, 95c each; 3 for \$2.70

Maffie. S.C. A huge semi-cactus with a distinctive shaggy formation. Color bright glowing red. Stems heavy and long with flowers facing sideways. Plants should be topped when 1 foot high.

Tubers, \$1.15 each; 3 for \$3.25

Michigan White. S.C. Here we think this the very best white, Semi-Cactus variety. The flower has splendid form and substance, good size, 8 inches across and the 4-foot plant can be depended on to furnish flowers in quantity.

Tubers, \$1.25 each; 3 for \$3.50

Mrs. George Le Boutillier. I.D. Deep rich carmine-red flowers grow to a very large size, about 10 inches across and 5 inches deep. Commands attention wherever shown.

Tubers, 65c each; 3 for \$1.80

Mrs. I. de Ver Warner. F.D. This is an exquisite shade of deep mauve-pink. Beautifully formed.

Tubers, 60c each; 3 for \$1.65

Oakleigh Monarch. F.D. Blood-red. Stems strong and erect. Flowers easily attain exhibition size. Grows best in garden culture and will stand feeding.

Tubers, 75c each; 3 for \$2.10

Omar Khayyam. F.D. An unusual coloring of Chinese red, shading to bright orange and tipped lighter, giving a wonderful soft color effect. A tall, healthy grower, with strong foliage. A good root maker.

Tubers, 85c each; 3 for \$2.35

Rosy Morn. I.D. Color a deep rose-pink of good size and well-built blooms. A clean growing plant with dark green, insect-resistant foliage.

Tubers, 95c each; 3 for \$2.70

Silver Lady. F.D. Giant blooms, 10 inches across, of pure white, edged and flushed with lavender-pink. A very beautiful flower standing well above the foliage on very strong stems. Massive, strong growing, 5-foot tall, heavy bearing plants with many branches.

Tubers, \$1.25 each; 3 for \$3.50

Victory. F.D. A new color in pink—golden pink. Bush is vigorous and free branching with canes coming from base of plant.

Tubers, \$1.15 each; 3 for \$3.25

Virginia Rute. S.C. A huge maroon-red informal, sometimes becoming semi-cactus. Mid-season. Rugged and tall.

Tubers, \$1.15 each; 3 for \$3.25

MINIATURE DAHLIAS

Miniature Dahlias are pocket-size editions of the various large-flowering kinds: Cactus, Decorative, etc. The blooms are about 4 inches in diameter, make splendid flowers for cutting for house decoration and are becoming rapidly popular.

Corinna. Small, perfectly formed, brilliant yellow flowers of Miniature Decorative type.

Tubers, 45c each; 3 for \$1.15

Fairy. Soft violet-rose shading to mauve at the tips of the petals. Blooms continuously.

Tubers, 45c each; 3 for \$1.15

Paula. Clear* lilac, good substance. Fine for cutting.

Tubers, 60c each; 3 for \$1.65

Sylvia. A splendid little garnet-red flower.

45c each; 3 for \$1.15

White Fawn. Best pure white of its kind. Rugged bush, heavy foliage, and prolific.

Tubers, 60c each; 3 for \$1.65

POMPON DAHLIAS

A miniature of the Show or Ball type Dahlia, with flowers seldom over 2 inches in diameter. The plants are easily grown and bear prolifically over a long season. A type that is becoming very popular.

Amber Queen. Amber shaded rich apricot.

Burgundy. Wine-red.

Jessica. Salmon-tinted red.

Little Herman. Red and white variegated.

Rose Wilmoth. Pink.

Yellow Gem. Light yellow.

Price of any of above: Tubers, 45c each; 3 for \$1.15.

Collection of these 6 kinds, 1 of each, for \$2.35, postpaid.



These are the Lively Little Pompon Dahlias



Virginia Rute is a Semi-Cactus Type Dahlia



Victory is in the Formal Decorative Class

Wild Bird Houses and Winter Seed and Suet Feeders



**No. 104
WILD BIRD
SEED FEEDER**

Of rustic hemlock and southern cypress. Glass front permits clear vision of the food supply. Hinged roof. Height 11 inches.

Price: \$3.50
postpaid \$3.85



**No. 42
BLUE BIRD
HOUSE**

Made of pine stained-ebrown. Very well built with hinged side for easy cleaning. 10 in. high.

Price: \$2.15;
postpaid \$2.40

**HYDE
CHICKADEE DINER
\$1.25**

Just hang it anywhere. Then enjoy the gay, friendly company of Chickadees, Nuthatches, Woodpeckers and other clinging birds. The Chickadee Diner is simply but strongly made. 16 in. long. Will last for years. Convenient paper-cupped Tid Bit refills, irresistible to birds, always available. Complete, filled with 12 Tid Bits, \$1.35; postpaid \$1.55



**BIRD CAFE
No. W16**

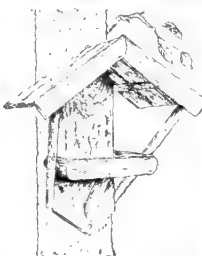
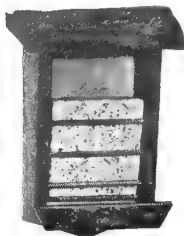
Glass-topped—to keep birds and food dry and protected from weather. Easily installed and filled from indoors. Double cakeholder and automatic seed hopper.

16-in. size \$4.95; postpaid \$5.45

**No. 101
WILD BIRD
CAKE RACK**

Attractive in appearance and attractive to the birds. Will bring many species. Height 10 inches.

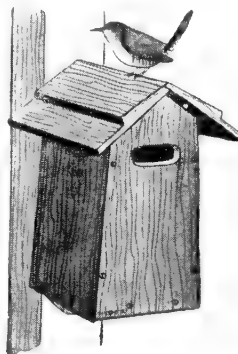
Price: \$1.45; postpaid \$1.80. Complete with cake \$1.85; postpaid \$2.15.



**ROBIN'S
NESTING
SHELTER**

Robins build their nests of mud and grasses and raise two or three broods every year, using the same shelter throughout the season.

Price: \$2.45;
postpaid \$2.85



**No. V1
THE WREN**

Designed for and attractive to wrens. Well built, 6" x 7 1/2" x 11", stained a "woody" brown, entire bottom removes for cleaning. \$3.45; postpaid, \$3.80.

WILD BIRD SEED

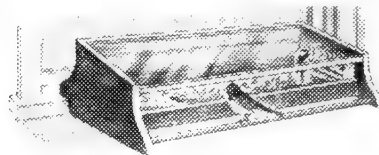
A careful mixture of 10 kinds of seeds that wild birds like. Feed these birds both winter and summer. Enjoy seeing them and listening to their songs.

Price: 2 lbs. 40c; postpaid 50c. 5 lbs. 98c; postpaid \$1.15. 10 lbs. \$1.85; postpaid \$2.15.

WILD BIRD CAKE

A complete food in cake form; pure suet, seeds, grains, berries, that birds like.

40c each; 6 for \$2.25, postpaid



TID BIT REFILLS

For Chickadee Diner and Festive Board. Box of 24 assorted \$1.25; postpaid \$1.45

Dirt-Proof, Washable GARDEN GLOVES



**ALL LEATHER and
DURABLE yet
SOFT AS KID and
EASY TO WEAR**

—for Men and Women

Easy Wear gives you everything you've been wanting in a garden glove:

All-leather protection from dirt, scratches, stains, infection—yet permit almost BAREHAND FREEDOM. Their amazing softness and pliability is the result of a special processing of select lamb skins. Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for gardening, housework, yard, painting, furnace, garage, etc.

Sizes for WOMEN (small, medium, large)—for MEN (small, medium, large).

Price: \$1.25 per pair, postpaid

**National GARDEN
Easy Wear Gloves**



PATENTED

SHRUB-GARD

Protects your shrubbery from dogs. Makes his visit so uncomfortable that he keeps away, yet it is so constructed that it will not harm the dog. The Shrub-Gard is a unit of steel spring wires that are flexible and will not tear clothing of passers-by.

Each Shrub-Gard has three prongs and covers approximately 2 1/2 lineal feet.

Harmless to dogs or humans.

Packed one dozen to a carton, weight 2 1/2 lbs.

Price: \$2.25 per doz., postpaid to you.

FERTILIZE AS YOU SPRINKLE With the Hayes Proportioner

Liquid and soluble fertilizers, weed killers, etc. Economically, safely applies through your garden hose as you sprinkle the lawn and garden. Attach this proportioner to the faucet. Drop suction tube into container of concentrated fertilizer, etc. Turn on faucet and that's all there is to it. **Hayes Proportioner.** Mixes the spray accurately. Price: \$1.95; postpaid \$2.15.



FERTILIZER AND GRASS SEED SPREADERS

Distribute fertilizers, grass seed and other granular materials exactly as required. All sizes have double feed control, one manual and one automatic. Well made of heavy metal. All prices f. o. b. Rochester, N. Y.

16-INCH SPREADER

The correct size for small lawns. Spreading width 18 inches; hopper capacity 22 lbs.; steel construction, reinforced hopper; rubber-tired wheels. Diameter 8 inches.

Price: \$7.50

20-INCH SPREADER

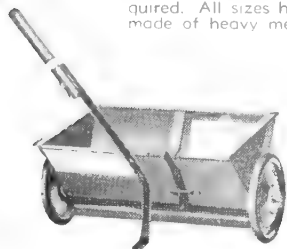
For medium sized lawns and gardens. Spreading width 22 inches; capacity 40 lbs. of fertilizer; rubber-tired wheels. Diameter 12 inches.

Price: \$11.50

30-INCH SIZE

For estates, public institutions, schools, factories. Spreading width 30 inches; capacity 80 lbs.; 2 1/2-inch tread wheels 12 inches in diameter

Price: \$17.50



FERTILE POTS

For Earlier, Better Crops

A new and greatly improved formula used in the manufacture of these popular manure pots now makes them better than ever. Sow the seed right in the pot or transplant young plants into them. Set pot, plant and all out in the field without checking its growth. The pots will furnish food and moisture and keep the plant growing.

No. 2 1/2 (about 2 1/2 inches in diameter). 60c for 12; \$1.85 for 50; \$3.10 for 100; \$5.65 for 250, prepaid

No. 3 (about 3 inches in diameter). 75c for 12; \$2.15 for 50; \$3.70 for 100; \$6.55 for 250, prepaid

Sprayers and Dusters for Garden and Greenhouse

THE BLIZZARD CONTINUOUS ACTION QUART-SIZE SPRAYER



The Blizzard

The very best hand sprayer we have ever sold. Pump is made of seamless brass, tank solid copper, has twin-spray nozzles. Price: \$3.75; postpaid \$4.00.



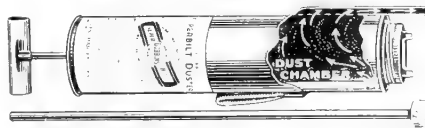
UTK Sprayer

UTK. Quart-size sprayer, heavy Armco Zinc-Grip steel tank, heavy tin pump, twin brass nozzle for fog spray. Price: \$1.35; postpaid \$1.60.



Sturdy quart-size tank made of Armco Steel. Easy to work pump, fine mistlike spray. Single action. No. 3. Price 65c; postpaid 90c.

NEW TYPE DUSTER



The best hand duster for the home vegetable and flower garden. Made of heavy metal, lasts a long time and does a really splendid job of putting dust on plants. Two-way cap dusts over and under the foliage. \$1.75; postpaid \$2.00.

JIM-DANDY CART SPRAYER

For spraying weed killer, vegetables, flowers, trees, greenhouses, fighting fires. Balloon tires, roller bearings. Made of rust-resisting steel, 5-gal. capacity. Easy filling. 12-ft. hose. Trigger shutoff. Air pressure gauge. \$34.65 complete.

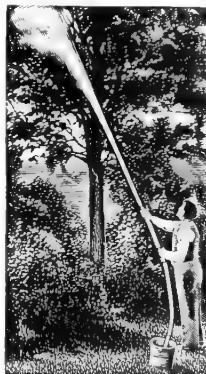


C. C. C. BUCKET PUMP

Best low-priced solid-brass tree sprayer made. Operates from a bucket. Puts a fine mistlike spray on flowers, vegetables, Roses, or a 30-ft. stream on tall trees. Equipped with 2-spray nozzles and wall bracket. \$9.95; postpaid \$10.35.

THIS IS A JAPANESE BEETLE

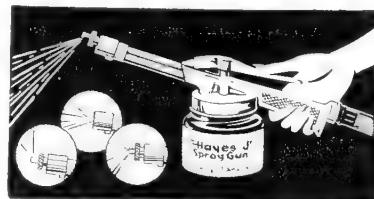
About 1/2 inch long, bronzy purple color, thin white stripe down each wing. Eats everything green in sight during July and August.



Lightning Compressed Air. 3 1/2-gal. Armco Zincgrip Steel tank. Seamless brass pump. 23-in. hose, 2-ft. brass extension. Non-clog nozzle. Price: \$9.95 prepaid to you \$10.45



Banner Compressed Air. Sprays anything in liquid form. Extra heavy gauge metal tank, embossed graduate marks for measuring liquids, is corrugated and well riveted to stand hard use. Capacity of tank 4 gallons. Pump made of seamless brass. 2-foot heavy extension rod 28-inch hose section Golden automatic trigger control, non-clog spray nozzle with ball joint for spraying at any angle, shoulder strap. Price: \$12.15, prepaid to you \$12.65.



FOR THE "AVERAGE SIZE" GARDEN

HAYES JR. SPRAY GUN

Famous all-purpose sprayer makes 3 gallons of mixed spray material at a time. Sprays liquids and most wettable powders up, down, sideways. Light, easy to use. Just attach HAYES JR. to garden hose and HAYES JR. sprays! Gives efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 175 pounds. No moving parts to wear out or break—insures long life and satisfactory service.

Price: \$6.95; postpaid \$7.25



THE MODERN WAY TO SPRAY

Attached to your garden hose it sprays, in correct proportions, insecticides and fungicides on plants, shrubs and roses.

Garden Hose Sprayer. Chrome finish, adjustable nozzle. Price: \$5.50

Extension Rod. Chrome finish, 36 inches long. Price: \$1.75

Weed-O-Spray. Combination set. Price: \$1.50

Applicator and 2 - 2, 4-D Cartridges.

Additional Transparent Chambers and Couplings. Price: \$2.00

Additional Transparent Chambers, with Metal Ends. Price: \$1.50

INSECTICIDE AND FUNGICIDE CARTRIDGES

35c each; \$1.00 for 3; \$4.00 for 12.

DDT Cartridge. For eating, sucking and biting insects.

Arson-O-Spray. Poisonous spray that kills leaf eaters.

Cryolite Cartridge. Cabbage and tomato worms, bean and cucumber beetles.

Rot-O-Spray. Non-poisonous, kills insects on vegetable plants

Sulph-O-Spray. For control of fungus and black spot.

Weed-O-Spray. Kills weeds in lawns. 2, 4-D.

Hart & Vick's Flower Holders

These flower holders are indispensable when arranging flowers in bowls or shallow vases for table decoration. Simply push the cut end of the stem over the pin and the flower is held firmly.

These pin-type holders are made of the best materials with heavy metal bases and closely set needle-sharp pins, making them adaptable for either slender- or large-stemmed flowers. They are enameled a leaf-green color.

ROUND HOLDERS

	Each
1 1/2 in. in diameter	\$0.35
2 1/4 in. in diameter	.60
3 1/8 in. in diameter	1.15
4 in. in diameter	1.65
6 in. in diameter	3.50

OVAL HOLDERS

1 1/2 x 3 1/2 in.	\$1.10
2 1/4 x 4 1/4 in.	1.45

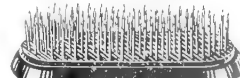
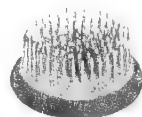
OBLONG HOLDERS

3 1/2 x 1 1/2 in.	\$0.75
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RECTANGLE HOLDERS

1 1/8 x 5 in.	\$1.00
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The new "Pin Flower" holder is composed of a rosette of petals made of heavy rust-proof metal which will not tip or allow an arrangement to topple and has securely fastened within its heart a pin-type flower-holder, all brass, needle-sharp pins 1/8 inch apart. A valuable addition to any collection of flower holders. Comes in leaf-green and in white with under parts of leaves green. 4 inches in diameter, \$1.65 each.



SCARE-AWAY

The Modern Scarecrow



Rids gardens, orchards, and berry patches of destructive birds and small wild animals.

Protects newly planted seeds, tender young sprouts, all ripe berries, fruits and vegetables, etc. A new garden policeman useful from planting time to harvest.

Scientifically designed 15-inch metallic strips (pat. pend.) drive out garden marauders with a frightening combination of crackling noise, flashing light and fluttering motion. Easy to hang from string or wire. Valuable to commercial growers of strawberries, cherries and other fruits. Also useful for protecting the appearance of flowers, ornamental shrubs, even of boats and buildings where birds like to roost.

Tested and approved by reliable garden authorities. Highly praised by gardeners all over the nation.

10 Scare-Away Units, 25c; pkg. of 100 for \$2.00, prepaid

PLANT STAKES

Round, Straight, Painted Green

	Each	12	100
3-ft., 1/2 inch diam.	\$0.10	\$0.90	\$5.50
4-ft., 1/2 inch diam. ....	.15	1.40	9.50
5-ft., 1/2 inch diam. ....	.20	1.75	12.50
5-ft., 13/16 inch diam. .	.25	2.45	18.50
6-ft., 13/16 inch diam. .	.30	3.60	22.00

BAMBOO STAKES DYED GREEN

	12	25	100
12 inch	\$0.25	\$0.45	\$1.35
2 ft. ....	.30	.55	1.85
3 ft. ....	.45	.85	2.95
4 ft. ....	.55	.95	3.50

SEE...JUST A SIMPLE
TWIST OF THE WRIST
AND IT'S
TIED...

Germaco
'TWIST-EMS'

**Help You to Support Plants
Quickly, Neatly, Permanently**

Say "goodbye" to unsightly twine and raffia, to needless work with shears. Say "hello" to TWIST-EMS, to gardening fun, to lovely plants neatly and properly supported. TWIST-EMS—strong dark-green "invisible" tapes with wire reinforcing—protect stems, permanently support annuals, perennials, vines, shrubs and vegetables. Grand for flower arrangement. Millions used by successful nurserymen, professional and amateur gardeners. Buy today.

Postpaid to you
Box of 125—8-inch size\$0.35

stikit wicket
REG. U.S. PAT. OFF. the modern fencing

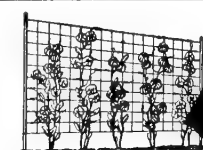


PROTECTS AND BEAUTIFIES

\$2.40
THE DOZEN

In cartons of two dozen (makes 24 feet of fence) 21" High, 12" Wide, 1/4" steel enameled green

Easy to hammer into hard ground



Cut No. TR-1

**NEW!
DIFFERENT!**

**Weatherized
TRELLIS NETTING**

Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.)

Doesn't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3, 60x180 in., \$1.25 Postpaid.

TRAIN-ETTS

JAPANESE BEETLE TRAPS

Protect your Lawn, Flowers, Shrubbery and Trees. Catch the Japanese Beetle and destroy him.

Directions for using to the best advantage sent with each trap.

Trap No. 3. Complete with cage. \$1.40

Bait No. 11. One ounce with wick, will last 4 to 6 weeks. 50c each

Steel Rod for hanging trap. 35c



Protect Your Garden Against

**Rain - Wind
Bugs - Frost
with**



Hotkaps

HOTKAPS, like miniature greenhouses, keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier.

25 Hotkaps with setter \$0.70; postpaid \$0.85

100 Hotkaps with setter 2.75; postpaid 2.95

250 Hotkaps with setter 4.65; postpaid 4.95

1000 Hotkaps \$14.65, not prepaid.

Fiberboard setters 20c each; postpaid 30c. Steel setters \$1.95; postpaid \$2.15.

HOTENTS

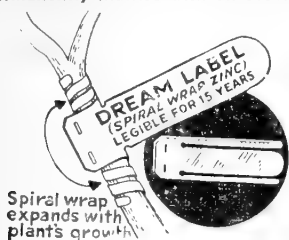
Are Much Larger Hotkaps

Miniature hothouses made of heavy waxed KAPS—10 1/2 x 14 1/2 x 8 1/2. Give the plant plenty of room to grow in. Protect against wind, hard rain, bugs and frost. Makes earlier and better vegetables. Postpaid to you.

25 for \$1.25; 50 for \$2.00; 100 for \$3.35

A NEW PLANT LABEL

An Easily Attached, Everlasting Zinc Label
Permanently Marked with an Etchant



This Dream Label (spiral wrap) is 1 1/4 inches wide and 4 inches long. Can be fastened securely to rose bushes, shrubs, trees, permanent plants, evergreens, and vines. Will fasten easily to potted plants.

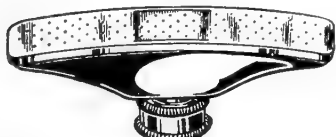
No. 1 Kit: 24 labels, 1 bottle etchant ..\$0.85
No. 2 Kit: 50 labels, 1 bottle etchant .. 1.50
Postpaid to You.

THE MARKLE FEATHERLITE TROWEL



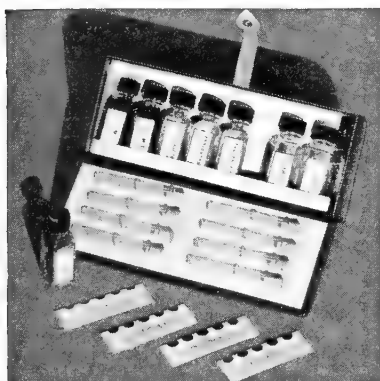
One-piece aluminum, light weight, amazing strength. Won't rust. 75c each; postpaid 85c

FAN SPRAY



Ideal for watering roots without wetting foliage. A splendid rose nozzle to use when watering just after seeding. Puts lots of water on gently. Heavy brass body and nut.
Price: 65c; postpaid 75c

FOR BEST RESULTS WITH VEGETABLES and FLOWERS TEST THE SOIL



Sudbury Home Gardener's Soil Test Kit (Model D)

A 20-test kit. Tests for nitrogen, phosphorus, potash and acidity, giving all essential information to produce maximum crops with least expense for fertilizer. Complete with instructions and data on plant needs. Inexpensive refills available. Price: \$2.50, postpaid.

Junior Professional Model

Makes 50 individual tests for nitrogen, phosphorus, potash and acidity. Cased in a handsome, sturdy imitation leather. Complete instructions. Helpful chart.

Price: \$4.75

Fertilizers and Plant Food

If you wish us to prepay carrying charge, add 5c per pound.

Adco. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc., at the rate of two pounds to each wheelbarrow-load of refuse, will produce a clean, odorless manure within three or four months.

7 1/2-lb. bag \$1.25; 25 lbs. \$2.50

Aluminum Sulphate. Creates acid soils in which rhododendrons, azaleas, etc., are grown.

5 lbs. 75c; 10 lbs. \$1.35; 25 lbs. \$2.25

Bone Meal. For sweetening the soil in the garden or lawn it is unequalled. Helps grow grass in shady places. Use 10 lbs. to each 100 sq. ft.

34 ozs. 30c; 5 lbs. 65c; 10 lbs. 95c;

25 lbs. \$1.85; 50 lbs. \$3.15; 100 lbs. \$5.75

Bovung. Dehydrated liquid cow manure. We hear more good things said about this fertilizer than any other we handle. For feeding your plants with liquid fertilizer it tops all other kinds. Splendid on roses, shrubs, trees, lawns, vegetable and flower gardens. Will absolutely not burn the plants or the grass. No live weed seeds, sterilization has taken care of this. Use on lawns and gardens at the rate of 10 pounds per 100 square feet.

25 lbs. \$1.25; 50-lb. bag \$2.35;

5 50-lb. bags at \$2.25 per bag

Hyponex. Grows superior plants in soil, sand or water. Contains Vitamin B1. Clean, odorless, soluble powder, will not spoil nor lose its vitality. 1 teaspoon makes 1 gal. liquid plant food; 1 lb. makes 100 gals.

1-oz. pkg. 10c;

3 ozs. 25c; 1b. \$1.00; 10 lbs. \$8.00

Lime, Agricultural Hydrated. Sweetens sour soils and adds plant food; binds loose soils; breaks up clay. Use 1/2 lb. to 1 sq. yd.

46 ozs. 25c; 5 lbs. 35c;

10 lbs. 50c; 50 lbs. \$1.50

Nitrate of Soda. Most rapid-acting of all fertilizers, furnishing nitrogen to plants almost immediately. Do not apply until plants are above the ground and then very carefully.

Lb. 15c; 5 lbs. 55c; 25 lbs. \$1.75; 100 lbs. \$5.75

FULTON'S PLANTABBS



White, completely dissolving plant food tablets with the high analysis: 11% nitrogen; 15% phosphoric acid; 20% potash; plus Vitamin B-1. 4 tablets to 1 gal. water.

10 tablets ...\$0.10

30 tablets25

75 tablets50

200 tablets ... 1.00

Peat Moss (Canadian Pioneer). A vegetable product splendid for mulching the rose and perennial bed. It retains moisture, keeping the earth from drying and cracking, breaks up clay, and binds together sandy soils. Spread over and raked into the grass, it holds moisture and keeps the lawn green throughout the summer. 1 bale covers 600 sq. ft. 1/4 inch deep.

Full bale \$5.25; 1/2 bale \$3.25

Rapid-Gro. A complete, quickly available food for both indoor and outdoor plants.

2 ozs. 25c; 8 ozs. 69c; 1 lb. \$1.25

Salt, Agricultural. Occasionally used as a top-dressing for Asparagus. Also effective as a weed killer on roadways, paths, etc.

25 lbs. 75c; 100 lbs. \$2.25; 500 lbs. \$8.00

Sheep Manure. A highly concentrated pulverized Sheep Manure, free from straw and rubbish and sterilized by heating to a high temperature which has killed all weed seeds. This manure not only feeds the plant roots, but builds up the soil. Absolutely safe to use; it will not burn the plants. Spread it 10 lbs. to each 100 sq. ft.

5 lbs. 45c; 10 lbs. 75c; 25 lbs. \$1.35;

50 lbs. \$2.25; 100 lbs. \$4.00; 500 lbs. at

\$3.75 per 100; 1000 lbs. at \$3.50 per 100

Sulphate of Ammonia. Makes soil acid for such plants as Rhododendrons, Azaleas, Blueberries, Bent Grass lawns, etc.

5 lbs. 55c;

10 lbs. 95c; 25 lbs. \$2.00; 100 lbs. \$5.85

Tobacco Stems. Shredded tobacco leaves and stems that make a wonderful mulch and top-dressing for lawns and gardens. Retains moisture, feeds plants, drives away bugs.

50 lbs. \$2.25; 100 lbs. \$4.00

Complete Plant Food

Feed Everything
You Grow
with
this complete
balanced diet



5 lbs. ...\$0.50

10 lbs.90

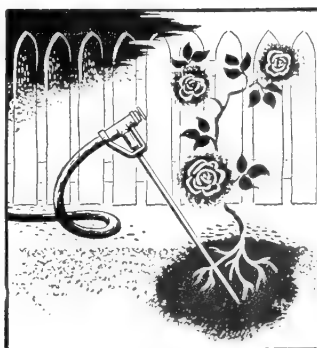
25 lbs. ... 1.60

50 lbs. ... 2.65

100 lbs. ... 4.25

Write for prices
in larger quantities.

ROSS ROOT FEEDER



Sturdy practical appliance that puts food and water directly in the root zone of flowers, trees, lawns. Attaches to any standard garden hose. Equipped with control valve, food chamber and steel feed tube. Price: \$3.50, complete with 12 nutrient cartridges. Additional cartridges, \$1.00 per doz.

TERRA-LITE* Vermiculite

The most talked-of product in gardening in years! Composed of countless tiny air cells, Terra-Lite Vermiculite holds and releases air and moisture in just the right quantities. Not a fertilizer, but a superior growing medium—good for all these jobs:

Starting Seeds. Quicker, bigger development, easy to transplant.

Lightening Soil. Breaks up heavy clay, aerates soil.

An Ideal Mulch. Protects plants winter or summer.

Transplanting. Promotes healthy growth for all plants.

New Lawns. Finer lawns, with less frequent watering.

Rooting Cuttings. Sure-fire medium for strong fast rooting.

Storing Bulbs. Stops storage rot. Keeps bulbs firm and plump.

Price: 4 qts. 35c; 16-qt. bag 75c, postpaid. Bags of 2 cu. ft. \$1.85, not prepaid.



Remedies for Insects and Fungus

When wanted by Parcel Post, add for postage as follows: 10c for 1 lb. (or 1 pt.); 15c for 2 lbs. (or 1 qt.); 25c for 5 lbs.; 35c for 10 lbs. (or 1 gal.).

Prices subject to change without notice.

All-Purpose Sprays and Dusts

Boncop. A Rotenone and Copper Dust to control chewing and sucking insects and worms on celery, tomatoes, eggplant, potatoes, melons and cucumbers. Also controls scab, wilt, mildew, blight on tomatoes and potatoes. Start dusting when the plants are young and repeat every week as necessary to keep the foliage covered with dust. 1 lb. 45c; 5 lbs. \$1.70

Pomo-Green with Nicotine. Used as both dust and spray to control both sucking and chewing insects, and diseases on plants, shrubs, and roses. A poison. Lb. \$1.05; 5 lbs. \$3.85

Kolo Sulphur Rotenone Dust. Contains 75% Rotenone. A combined insecticide and fungicide for flowers, certain vegetables where sulphur can be used, and on greenhouse plants, ornamentals and shrubs. For use in the control of Mexican bean beetles, worms and aphids on cabbage and cauliflower, pea aphids, asparagus beetle and rust, tomato worm, flea beetles, black spot and mildew on roses, gladiolus thrip. 1 lb. 50c; 4 lbs. \$1.40

Tri-ogen. For your roses, shrubs, evergreens, annual and perennial plants. Protects against and kills leaf-eating insects, sucking insects. Controls mildew, black spot, rust and fungus. Kit E—makes 8 qts. of spray \$1.35
Kit A—makes 16 qts. of spray 2.25
Kit B—makes 64 qts. of spray 6.00
Kit C—makes 32 gals. of spray 9.00
Kit D—makes 115 gals. of spray 30.00

Tri-ogen Dust. A new product for those who prefer dusting to spraying. It serves the same purpose as liquid Tri-ogen in protecting roses from black spot, mildew, and both chewing and sucking insects. 1 lb. 85c; 5 lbs. \$3.50

Potato Dust or Spray. Contains 5% DDT, calcium arsenate and copper. An economical insecticide and fungicide for use in the control of bugs and blight on potatoes, tomatoes and other vegetables having hardy foliage. 1 lb. 55c; 4 lbs. \$1.50

Cuke and Melon Dust. An excellent general purpose dust for use in controlling plant diseases and chewing insects, insects attacking cucumbers, melons and related crops. Contains Copper and Tri-Calcium Arsenate. 4 lbs. 90c

To Control Black Spot and Other Plant Diseases

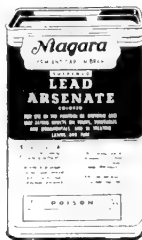
Bordeaux Mixture. (Powder.) Well known control for blight, black rot, leaf curl and other fungous diseases on fruits, vegetables and plants. 1 lb. will make 5 gals. of liquid. Lb. 40c; 4 lbs. \$1.00

Fermate. A new fungicide for the control of black spot, rust, scab and other blights. Compatible with sulphur, DDT nicotine and arsenate of lead. 8 ozs. 75c; 3 lbs. \$2.75

Sulfocide. A liquid fungicide for fruits, vegetables and flowers. Effective for mildew, rust, anthracnose, brown rot and other fungous diseases. Combines with D-X sprays and Pratt's 25% DDT to control insects and fungous diseases on flowers and vegetables. 1 pt. \$1.00; 1 qt. \$1.45; 1 gal. \$3.00

Wettable Sulfur. Instantly wettable. Helps control black spot and mildew on roses, rust on asters and carnations, mildew on zinnias, dahlias, phlox, etc. Very finely ground, 15 times finer than ordinary dusting sulfur and gives complete coverage. Use 4 level tablespoons to 1 gal. water Lb. 35c; 4 lbs. 85c

Sulphur, Hart & Vick's Dusting. To control black spot, blight, mildew on rose bushes and plants. Lb. 15c; 5 lbs. 65c; 10 lbs. \$1.00; 25 lbs. \$2.25



These Kill Sucking and Leaf-Eating Insects

Arsenate of Lead. (Powdered.) For caterpillars, codling moths, and all leaf-chewing insects. Can be used mixed with water. 1 lb. to 40 gals., or as a dry dusting. Poisonous. 1 lb. 65c; 4 lbs. \$1.80

Black Leaf 40. A concentrated nicotine solution for aphids, thrip, and red spider; also used successfully to rid poultry of lice by painting it on the perches. Dilute 1 oz. in from 3 to 6 gals. of water. Oz. 35c; 5 ozs. \$1.05; 1 lb. \$2.45; 2 lbs. \$4.15; 5 lbs. \$7.90

D-X Spray. A concentrated plant spray containing rotenone, pyrethrum and DDT. Controls sucking and chewing insects on fruits, flowers and vegetables. 1 1/2 ozs. 40c; 8 ozs. \$1.50; 1 qt. \$4.75

Fruit, Vegetable and Flower Dust. Contains 3% DDT. An insecticide only. For use in the control of Japanese beetle on flowers and ornamentals, also Colorado potato beetle, flea beetles, leaf hoppers on grapes and beans; cabbage worms and certain other insects attacking fruit, vegetables, flowers and ornamentals. 1 lb. 40c; 4 lbs. 85c

Pratt's 25% DDT. A liquid Dichloro-Diphenyl-Trichloroethane spray in an active base. Compatible with arsenate of lead, other poisons and standard fungicides. 1 1/2 ozs. 35c; 8 ozs. 75c; 1 qt. \$1.50

Dow 50% DDT Wettable Powder. For diluting in water or mixing with talc to prepare dust or spray of desired strength. Particularly suited to controlling Japanese beetle grub in lawn areas or as a spray for fruits, flowers and vegetables wherever a whitish residue is not objectionable. 1 lb. 95c; 3 lbs. \$2.25

Red Arrow Insect Spray. A non-poisonous insecticide for use against chewing and sucking insects. Harmless to humans and warm-blooded animals. Kills earthworms in lawns, greens, and fairways. Oz. 35c; 4 ozs. \$1.00; pt. \$2.85; qt. \$5.00; gal. \$16.00

Rotenone Dust. Non-poisonous. Can be used as a dust or spray to kill eating and sucking insects. 1 lb. 50c; 4 lbs. \$1.30

Paris Green. A highly toxic stomach poison used against chewing insects on plants with hardy foliage only, and in the preparation of poison baits. 1/4 lb. 20c; 1 lb. 60c

Tobacco Dust. (For dusting.) Easily applied with dust gun to rid plants of aphids, thrips, leaf-hoppers, etc. Clings to the plant. 20-oz. pkg. 25c; 5 lbs. 50c; 25 lbs. \$1.50; 100 lbs. \$4.00

To Control Scale

Fish Oil Soap. Helps control sucking insects on trees and plants out-of-doors and a splendid wash for indoor plants. 1/2 pt. 35c, pt. 65c

Lime-Sulphur. (Powder.) For spraying fruit and shade trees, shrubs and roses when they are dormant. Protects against scale, leaf curl and brown rot on peaches; an excellent fungicide. Dilute 1 lb. to 5 gals. water. Lb. 40c; 5 lbs. \$1.75

Scalecide. A dormant spray for all fruit and ornamental trees, shrubs, and vines, which drop their foliage in winter; also for evergreens. Controls scales, aphids, red mite, gall of evergreens, heals tree cankers and prevents decay. Dilute 1 to 15 for fruit and most ornamentals. Qt. \$1.00; gal. \$2.40

Volck. The oil spray insecticide and spray carrier. For use against scale insects, mealy bug, red spider, white fly and certain other garden pests. Gives a luster to the foliage. Mixes readily with water, goes farther, very effective, non-poisonous. 4-oz. bottle 35c; pt. 70c; gal. \$2.85; 5 gals. \$8.50

Seed Disinfectants and Soil Treating Compounds

Arasan. Organic seed disinfectant. Makes earlier planting possible because it protects from decay. Increases germination and yield. Especially good on lima beans and peas. Ask for free booklet. 3/4 oz., 25c; 8 ozs. 80c

Ceresan, New Improved. For Wheat, Oats, Barley, Rye, etc., to control certain smuts and some other seed-borne diseases. Usually reduces seed decay and seedling damping-off of Cotton, Flax, Peas and Sugar Beets. 4 ozs. 35c; 1 lb. 90c; 4 lbs. \$3.00

Semesan. For vegetable and flower seeds and bulbs. Increases germination; makes stronger, earlier-bearing plants; controls damping-off of seedlings. 1/3 oz. 20c; 2 ozs. 45c; 12 ozs. \$2.10; 4 lbs. \$10.10

Semesan Bel. For Seed Potatoes. Effective control for scab, rhizoctonia, and black-leg. One pound treats 70 to 80 bushels potatoes. 2 ozs. 35c; lb. \$1.85; 4 lbs. \$6.35

Semesan Jr. For Field and Sweet Corn Seed. Destroys disease germs on the seed, protects from rotting in cold, wet soil. Use 2 ozs. per bushel of seed. 1 1/2 ozs. 17c; 12 ozs. 65c

Spergon. Very effective seed treatment for peas, lima beans, cucumber, melon and squash seeds. Combats seed-borne fungi, protects against rotting in ground, increases germination, makes stronger plants and better yields. 2 ounces treats 60 pounds of peas or lima beans. Oz. 25c; 5 ozs. \$1.00; lb. \$2.40

Tersan. Turf fungicide formerly known as "Thiosan." Tersan is an exceptionally effective non-mercurial for prevention or control of large brown patch, and dollar spot on golf courses, grass tennis courts, lawns and other fine turfs. 8 ozs. 80c; 4 lbs. \$5.16; 25 lbs. \$30.00

Puraturf. An organic mercury fungicide for the control of copper spot, dollar spot, brown patch, and other turf diseases; also an excellent preventative for crab grass. 1/2 pt. \$1.65; 1/2 gal. \$10.90

Modern Horticultural Chemicals

Hormodin. Makes plants root easier, mature earlier, flower sooner. Dip in water and then in the powder. One ounce treats about 2500 cuttings.

Powder No. 1. For Carnations, Roses, Poinsettias, Chrysanthemums. 1 3/4-oz. tin 50c; lb. \$3.00

Powder No. 2. For woody and semi-woody types. 1 3/4-oz. tin 75c; lb. \$4.50

Powder No. 3. For resistant species, including evergreens and leafless cuttings. 1-oz. tin \$1.00; 1/2-lb. tin \$4.50

Transplantone. Applied in solution to shrubs and trees, when they are transplanted, makes them "take hold" more quickly. 1/2 oz. 25c; 3 ozs. \$1.00; lb. \$4.00

Fruitone. Stops premature drop of flowers, fruits, and vegetables. Spraying with Fruitone helps pollination, thus producing a better yield. 2/5-oz. pkt. 25c; 2 ozs. \$1.00

Rootone. A hormone dust for better rooting of cuttings, slips, bulbs, seeds. 1/4-oz. pkg., treats 4000 cuttings, \$0.25 2-oz. jar, treats 3000 cuttings, \$1.00 1-lb. tin, treats 30,000 cuttings, \$5.00

Kill Ants in the House and Garden

Antrol. Quickly destroys all species of sweets-eating ants. Ready-Filled Sets: 4 glass feeder filled with syrup, 40c. Syrup, 4-oz. bottle 35c.

Ant-X Ant Traps. Safe to use; kills red and black ants indoors and out. 25c each; 3 for 65c

Ant-X Jelly. To use in killing large colonies of black and red ants out-of-doors. Tube 35c

Terro. The most popular and satisfactory sweet eating ant remedy we have ever sold. Easy to use. 1-oz. bottle 25c; 3 ozs. 50c

Cyanogas Ant Killer. Kills both sweet and grease eating, red and black ants with little trouble. A gas-producing powder flowing freely through a spotted bottle right into the ant home. One bottle treats the average lawn. 30c a bottle

To Control Underground Pests, Cutworms, Moles, Etc.

Cyanogas (A) Dust. For outside use in killing rats, moles, woodchucks, ants, gophers, and ground squirrels. Also for white grubs and gray-fish in lawns. Lb. 75c; 5 lbs. \$3.00

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Pestroy Powder. A 10% DDT activated insect powder designed for application to horizontal surfaces: thresholds, baseboards, mouldings, etc. It may also be safely used on dogs. 3-oz. applicator carton 39c 8-oz. pump gun carton 69c

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Victor Rat Killer. A highly effective toxic Red Squill powder especially prepared for mixing rat baits. Deadly to rats but harmless to humans, poultry or domestic animals. 2-oz. can 75c

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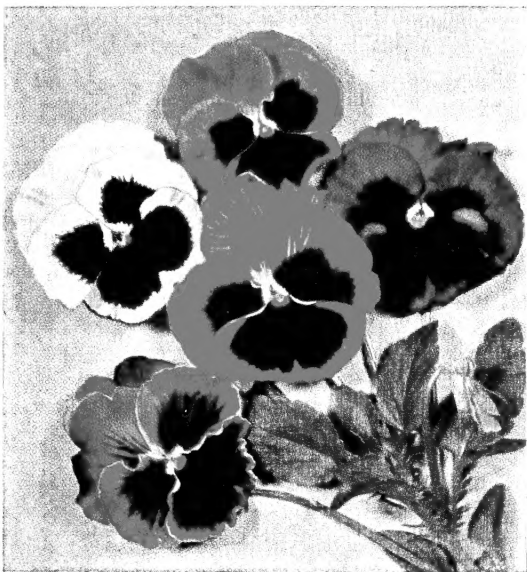
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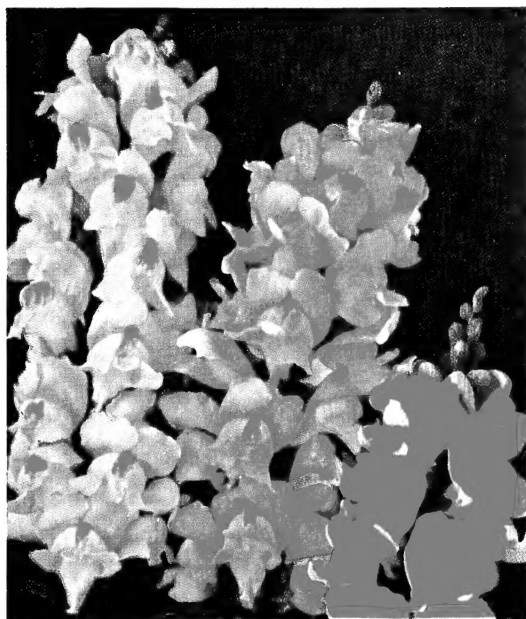
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